SAFETY DATA SHEET



US

1. Identification

Product identifier PIÑATA ALCOHOL INKS - Standard Colors

Other means of identification

002, 003, 004, 005, 006, 007, 008, 009, 011, 013, 015, 016, 017, 019, 020, 021, 023, 025, 027, Product code

029, 030, 031, 033, 036

Recommended use Arts & crafts. **Recommended restrictions** All other uses.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer Jacquard Products | Rupert, Gibbon & Spider, Inc.

> 1147 Healdsburg Ave. Healdsburg, CA 95448

USA

Telephone number 1-800-442-0455 / 1-707-433-9577

Fax 1-707-433-4906

Website www.jacquardproducts.com E-mail service@jacquardproducts.com

Emergency telephone

number

ChemTel, Inc. - Contract #MIS9128344

N.America: 1-800-255-3924 International: 1-813-248-0585

2. Hazard(s) identification

Flammable liquids Category 2 Physical hazards Health hazards Serious eye damage/eye irritation Category 2

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. Causes serious eye irritation.

Precautionary statement

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly

closed. Ground/bond container and receiving equipment. Use explosion-proof

electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Wear protective

gloves/protective clothing/eye protection/face protection. Wear eye protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire:

Use appropriate media to extinguish.

Storage Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise

Supplemental information

Response

classified (HNOC)

None known.

PIÑATA ALCOHOL INKS - Standard Colors

956810 Version #: 01 Revision date: -Issue date: 22-February-2021

None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	<u></u>
Ethanol	64-17-5	50 - 70
Propyl acetate	109-60-4	1 - 5
Propan-2-ol	67-63-0	1 - 5
Ethylene glycol monopropyl ether	2807-30-9	10 - 15
Titanium dioxide	13463-67-7	0 - 15
isopropyl acetate	108-21-4	0 - 6.2
Solvent blue 70	12237-24-0	0 - <5
Solvent orange 62	67352-37-8	0 - <5
Diacetone alcohol	123-42-2	0 - <3
Basic yellow 37	6358-36-7	0 - <2.5
Solvent red 119	12237-27-3	0 - <2.5
Solvent red 49	509-34-2	0 - <2.5
Solvent led 49	309-34-2	0 - <2.5

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contactTake off immediately all contaminated clothing. Rinse skin with water/shower. Get medical

attention if irritation develops and persists.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and

Ingestion Rinse mouth. Get medical attention if symptoms occur.

blurred vision. Coughing.

Symptoms may be delayed.

Most important symptoms/effects, acute and

delayed

Indication of immediate medical attention and special treatment needed

General information

Provide general supportive measures and treat symptomatically. Keep victim under observation.

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the

material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Specific hazards arising from the chemical

Special protective equipment and precautions for firefighters

Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

Specific methods Use standar

General fire hazards Highly flammable liquid and vapor.

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

Environmental precautions

7. Handling and storage

Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational	AVNACUITA	limite

Components	Туре	Value	Form
Diacetone alcohol (CAS 123-42-2)	PEL	240 mg/m3	
		50 ppm	
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3	
		1000 ppm	
isopropyl acetate (CAS 108-21-4)	PEL	950 mg/m3	
		250 ppm	
Propan-2-ol (CAS 67-63-0)	PEL	980 mg/m3	
		400 ppm	
Propyl acetate (CAS 109-60-4)	PEL	840 mg/m3	
		200 ppm	
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.
US. ACGIH Threshold Limit Values			
Components	Туре	Value	
Diacetone alcohol (CAS 123-42-2)	TWA	50 ppm	
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
isopropyl acetate (CAS 108-21-4)	STEL	150 ppm	
	TWA	100 ppm	
Propan-2-ol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
Propyl acetate (CAS 109-60-4)	STEL	150 ppm	
	TWA	100 ppm	

PIÑATA ALCOHOL INKS - Standard Colors

SDS US

956810 Version #: 01 Revision date: - Issue date: 22-February-2021

US. ACGIH Threshold Limit Values Components	Туре	Value	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
US. NIOSH: Pocket Guide to Chem	ical Hazards		
Components	Туре	Value	
Diacetone alcohol (CAS 123-42-2)	TWA	240 mg/m3	
		50 ppm	
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3	
		1000 ppm	
Propan-2-ol (CAS 67-63-0)	STEL	1225 mg/m3	
		500 ppm	
	TWA	980 mg/m3	
		400 ppm	
Propyl acetate (CAS 109-60-4)	STEL	1050 mg/m3	
		250 ppm	
	TWA	840 mg/m3	
		200 ppm	

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Propan-2-ol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

^{* -} For sampling details, please see the source document.

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Wear appropriate chemical resistant gloves. Hand protection

Skin protection

Other Wear suitable protective clothing.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure

limits (where applicable) or to an acceptable level (in countries where exposure limits have not

been established), an approved respirator must be worn.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work

clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Liquid. Physical state **Form** Liquid. Various. Color Alcoholic. Odor Neutral pН

Melting point/freezing point Not determined.

SDS US

956810 Version #: 01 Revision date: -Issue date: 22-February-2021 Initial boiling point and boiling > 95 °F (> 35 °C)

range

Flash point 57.2 °F (14.0 °C)

Evaporation rate No data available

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

3.3 (Ethanol)

Flammability limit - upper

(%)

19 (Ethanol)

Vapor pressure 57.3 hPa (19.6°C) (Ethanol)

Vapor density Not determined.

Relative density Not determined.

Solubility(ies)

Solubility (water) Not miscible or difficult to mix.

Partition coefficient (n-octanol/water)

Not applicable, product is a mixture.

Auto-ignition temperature 685.4 °F (363 °C) (Ethanol)

Decomposition temperature

Not determined.

Other information

Kinematic viscosity Not determined.

Particle size Not applicable, material is a liquid.

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Skin contact Components of the product may be absorbed into the body through the skin.

Eye contact Causes serious eye irritation.

Ingestion May be harmful if swallowed. However, ingestion is not likely to be a primary route of occupational

exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and

blurred vision. Coughing.

Information on toxicological effects

Acute toxicity May be harmful if swallowed.

Components Species Test Results

Basic yellow 37 (CAS 6358-36-7)

Acute Dermal

LD50 Rat > 2000 mg/kg bw/day

Oral

LD50 Rat 50 - 300 mg/kg bw/day

PIÑATA ALCOHOL INKS - Standard Colors

SDS US 5 / 12

Components **Species Test Results** 300 mg/kg Diacetone alcohol (CAS 123-42-2) **Acute Dermal** LD0 Rat > 1875 mg/kg bw/day Inhalation LC0 Rat 7600 mg/m3 Oral LD50 Rat 3002 mg/kg Ethanol (CAS 64-17-5) **Acute Dermal** LD50 Rat > 2000 mg/kg Inhalation Vapor LC50 Mouse 39 g/m3, 4 Hours Oral LD50 Rat 7000 - 11000 mg/kg Ethylene glycol monopropyl ether (CAS 2807-30-9) **Acute Dermal** LD50 Rabbit 1300 mg/kg Inhalation Vapor LC50 Rat > 2132 ppm, 6 hours Oral LD50 Mouse 1774 mg/kg Rat 3089 mg/kg isopropyl acetate (CAS 108-21-4) **Acute Dermal** LD50 Rabbit > 17.4 mg/kg Inhalation Vapor LC50 Rat 50600 mg/m3, 8 Hours Oral LD50 Rat 6750 mg/kg Propan-2-ol (CAS 67-63-0) **Acute** Dermal LD50 Rabbit 12870 mg/kg Inhalation Vapor LC50 Rat 72.6 mg/l, 4 hours Oral LD50 Rat 4710 mg/kg Propyl acetate (CAS 109-60-4) **Acute Dermal** LD50 Rabbit > 17800 mg/kg, 24 Hours Components Species Test Results

Inhalation

Vapor

LC50 Rat 32 mg/l, 4 Hours

Oral

LD50 Rat 8700 mg/kg

Solvent orange 62 (CAS 67352-37-8)

Acute Oral

LD50 Rat > 5000 mg/kg bw/day, 14 day

Solvent red 119 (CAS 12237-27-3)

Acute Oral Solid

LD50 2000 mg/kg bw/day

Solvent red 49 (CAS 509-34-2)

<u>Acute</u> Dermal

LD50 Rabbit 4095 mg/kg bw/day

Oral

LD50 Rat 1185 mg/kg bw/day

Titanium dioxide (CAS 13463-67-7)

Acute Oral

LD50 Rat > 5000 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Propan-2-ol (CAS 67-63-0) 3 Not classifiable as to carcinogenicity to humans.

Titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicityThis product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

Further information Ethanol is metabolized to acetaldehyde and acetic acid which in large quantities result in

metabolic acidosis and CNS depression.

12. Ecological information

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
Basic yellow 37 (CAS	6358-36-7)		
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	0.016 mg/l, 48 h
Fish	LC50	Zebra danio (Danio rerio)	0.625 mg/l, 96 h
Diacetone alcohol (CA	AS 123-42-2)		
Aquatic			
Acute	F050	Danhaia magna	1000 mg/L 49 hours
Crustacea	EC50	Daphnia magna	> 1000 mg/l, 48 hours
Fish	LC50	Oryzias latipes	> 100 mg/l, 96 hours
Ethanol (CAS 64-17-5	b)		
Aquatic Acute			
Crustacea	LC50	Ceriodaphnia dubia	5012 mg/l, 48 hours
Ordoladda	2000	Daphnia magna	454 mg/l, 11 days
Fish	LC50	Pimephales promelas	13480 mg/l, 96 hours
-	LCSU	Filliephales prometas	13460 mg/i, 96 nours
<i>Chronic</i> Crustacea	NOEC	Ceriodaphnia dubia	9.6 mg/l, 10 days
Ethylene glycol monor		·	3.0 mg/i, 10 days
Chronic	propyr etner (CAS 2	807-30-9)	
Onionic	NOEC	Selenastrum capricornutum (Pseudokirchnerella subcapitata)	125 mg/l, 7 days
Aquatic			
Acute			
Fish	LC50	Pimephales promelas	4926 mg/l, 96 hours
Propan-2-ol (CAS 67-6	63-0)		
Aquatic			
Acute			
Crustacea	LC50	Daphnia magna	> 10000 mg/l, 24 hours
Fish	LC50	Pimephales promelas	9640 mg/l, 96 hours
Chronic			
Crustacea	EC50	Daphnia magna	> 100 mg/l, 21 days
	NOEC	Daphnia magna	141 mg/l, 16 days
			30 mg/l, 21 days
Propyl acetate (CAS 1	09-60-4)		
Aquatic			
Acute			
Algae	EC50	Pseudokirchnerella subcapitata	672 mg/l, 72 hours
Crustacea	EC50	Daphnia magna	91.5 mg/l, 48 hours
Fish	LC50	Pimephales promelas	60 mg/l, 96 hours
Solvent orange 62 (CA	AS 67352-37-8)		
Aquatic			
Acute	F050	Danhnia masus	24.4 mg// 48.5
Crustacea	EC50	Daphnia magna	24.1 mg/l, 48 h

PIÑATA ALCOHOL INKS - Standard Colors

956810 Version #: 01 Revision date: - Issue date: 22-February-2021 8 / 12

Species Test Results Components Solvent red 119 (CAS 12237-27-3) Aquatic Acute Algae EC50 Algae 0.27 mg/l, 72 hours Crustacea EC50 Americamysis bahia; Daphnia magna; 0.12 mg/l, 48 hours Paratanytarsus parthenoge Solvent red 49 (CAS 509-34-2) Aquatic Acute EC50 Desmodesmus subspicatus Algae 13.4 mg/l, 72 hours Daphnia Crustacea EC50 3.4 mg/l, 48 hours Fish LC50 Zebra danio (Danio rerio) 50 mg/l, 96 hours Titanium dioxide (CAS 13463-67-7) Aquatic Acute

Fish

EC50 Crustacea Daphnia magna > 100 mg/l, 48 Hours LL50 > 100 mg/l, 96 Hours Oryzias latipes

Persistence and degradability

Expected to be readily biodegradable.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

-0.098 Diacetone alcohol (CAS 123-42-2) Ethanol (CAS 64-17-5) -0.31 Propan-2-ol (CAS 67-63-0) 0.05 Propyl acetate (CAS 109-60-4) 1.24 isopropyl acetate (CAS 108-21-4) 1.02

Mobility in soil No data available.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation

potential.

13. Disposal considerations

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the **Disposal instructions**

> material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of

contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations

Hazardous waste code

D001: Waste Flammable material with a flash point <140 F

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal

instructions).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

UN1170 **UN** number

UN proper shipping name Ethanol solution

Transport hazard class(es)

3 Subsidiary risk 3 Label(s) **Packing group** Ш **Environmental hazards**

> Marine pollutant No

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

24, IB2, T4, TP1 Special provisions

4b, 150 Packaging exceptions 202 Packaging non bulk Packaging bulk 242

IATA

UN number UN1170 **UN proper shipping name** Ethanol solution

Transport hazard class(es)

Class 3 Subsidiary risk Ш Packing group **Environmental hazards** No **ERG Code** 3L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1170

UN proper shipping name ETHANOL SOLUTION

Transport hazard class(es)

Class 3 Subsidiary risk Ш Packing group **Environmental hazards**

Marine pollutant No F-E. S-D

Not established.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to

Annex II of MARPOL 73/78 and

the IBC Code

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Ethylene alycol monopropyl ether (CAS 2807-30-9) Listed. isopropyl acetate (CAS 108-21-4) Listed. Propan-2-ol (CAS 67-63-0) Listed. Propyl acetate (CAS 109-60-4) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

One or more components of the mixture are not on the TSCA 8(b) inventory **Toxic Substances Control Act (TSCA)**

or are designated "inactive".

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Yes

chemical

Classified hazard Flammable (gases, aerosols, liquids, or solids)

Serious eye damage or eye irritation categories

SARA 313 (TRI reporting)

Chemical name CAS number % by wt. 10 - 15 Ethylene glycol monopropyl ether 2807-30-9 Propan-2-ol 67-63-0 1 - 5

PIÑATA ALCOHOL INKS - Standard Colors 956810 Version #: 01 Revision date: -Issue date: 22-February-2021

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethylene glycol monopropyl ether (CAS 2807-30-9)

Solvent orange 62 (CAS 67352-37-8)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Contains component(s) regulated under the Safe Drinking Water Act.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Ethanol (CAS 64-17-5) Low priority isopropyl acetate (CAS 108-21-4) Low priority Propan-2-ol (CAS 67-63-0) Low priority Propyl acetate (CAS 109-60-4) Low priority

US state regulations

US. Massachusetts RTK - Substance List

Diacetone alcohol (CAS 123-42-2)

Ethanol (CAS 64-17-5)

isopropyl acetate (CAS 108-21-4)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Diacetone alcohol (CAS 123-42-2)

Ethanol (CAS 64-17-5)

Ethylene glycol monopropyl ether (CAS 2807-30-9)

isopropyl acetate (CAS 108-21-4)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Solvent orange 62 (CAS 67352-37-8)

Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Diacetone alcohol (CAS 123-42-2)

Ethanol (CAS 64-17-5)

Ethylene glycol monopropyl ether (CAS 2807-30-9)

isopropyl acetate (CAS 108-21-4)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Solvent orange 62 (CAS 67352-37-8)

Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Diacetone alcohol (CAS 123-42-2)

Ethanol (CAS 64-17-5)

isopropyl acetate (CAS 108-21-4)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Titanium dioxide (CAS 13463-67-7)

California Proposition 65

Reference to titanium dioxide is based on unbound respirable particles and is not generally applicable to product as supplied.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Titanium dioxide (CAS 13463-67-7) Listed: September 2, 2011

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Ethylene glycol monopropyl ether (CAS 2807-30-9)

Propan-2-ol (CAS 67-63-0)

Solvent red 49 (CAS 509-34-2)

Titanium dioxide (CAS 13463-67-7)

International Inventories

Country(s) or region Inventory name On inventory (yes/no)* Australian Inventory of Industrial Chemicals (AICIS) Australia No

PIÑATA ALCOHOL INKS - Standard Colors 956810 Version #: 01 Revision date: -Issue date: 22-February-2021 SDS US

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Furope	European List of Notified Chemical Substances (FLINCS)	No

EuropeEuropean List of Notified Chemical Substances (ELINCS)NoJapanInventory of Existing and New Chemical Substances (ENCS)NoKoreaExisting Chemicals List (ECL)NoNew ZealandNew Zealand InventoryNoPhilippinesPhilippine Inventory of Chemicals and Chemical SubstancesNo

(PICCS)

Taiwan Taiwan Chemical Substance Inventory (TCSI)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

Yes

16. Other information, including date of preparation or last revision

Issue date 22-February-2021

Revision date Version # 01
HMIS® ratings Health: 2

Flammability: 3 Physical hazard: 0

List of abbreviations DOT: Department of Transportation.

EC50: Effective Concentration, 50%.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous

Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

LC50: Lethal Concentration, 50%.

LD50: Lethal Dose, 50%.

MARPOL: International Convention for the Prevention of Pollution from Ships.

NOEC: No observed effect concentration. PEL: Permissible Exposure Limit. STEL: Short-Term Exposure Limit.

TWA: Time Weighted Average Value.

References IARC Monographs. Overall Evaluation of Carcinogenicity

National Toxicology Program (NTP) Report on Carcinogens

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

HSDB® - Hazardous Substances Data Bank

Disclaimer Rupert, Gibbon & Spider, Inc. cannot anticipate all conditions under which this information and its

product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently

available.

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

JACQUARD

SAFETY DATA SHEET

US

1. Identification

Product identifier PIÑATA CLEAN UP SOLUTION

Other means of identification

Product code JFC1000, JFC2000

Recommended use Arts & crafts.

Recommended restrictions All other uses.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer Jacquard Products | Rupert, Gibbon & Spider, Inc.

1147 Healdsburg Ave. Healdsburg, CA 95448

USA

Telephone number 1-800-442-0455 / 1-707-433-9577

Fax 1-707-433-4906

Website www.jacquardproducts.com

E-mail service@jacquardproducts.com

Emergency telephone

number

ChemTel, Inc. - Contract #MIS9128344

N.America: 1-800-255-3924 International: 1-813-248-0585

2. Hazard(s) identification

Physical hazardsFlammable liquidsCategory 2Health hazardsSerious eye damage/eye irritationCategory 2

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. Causes serious eye irritation.

Precautionary statement

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly

closed. Ground/bond container and receiving equipment. Use explosion-proof

electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Wear eye protection.

Response If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire:

Use appropriate media to extinguish.

Storage Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise

classified (HNOC)

None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

PIÑATA CLEAN UP SOLUTION SDS US

956781 Version #: 01 Revision date: - Issue date: 22-February-2021

Chemical name	CAS number	%
Ethanol	64-17-5	85 - 95
Propan-2-ol	67-63-0	1 - 5
Propyl acetate	109-60-4	1 - 5

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contactTake off immediately all contaminated clothing. Rinse skin with water/shower. Get medical

attention if irritation develops and persists.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most importantHeadache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing.

symptoms/effects, acute and blu delayed

Indication of immediate medical attention and special

treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the

material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse

5. Fire-fighting measures

Suitable extinguishing media Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods
General fire hazards

Use standard firefighting procedures and consider the hazards of other involved materials.

Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

. Handling and storage

Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

upational exposure limits US. OSHA Table Z-1 Limits for Air	Contaminants (29 CFR 1910.	1000)	
Components	Туре	Value	
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3	
		1000 ppm	
Propan-2-ol (CAS 67-63-0)	PEL	980 mg/m3	
		400 ppm	
Propyl acetate (CAS 109-60-4)	PEL	840 mg/m3	
		200 ppm	
US. ACGIH Threshold Limit Value	S		
Components	Туре	Value	
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Propan-2-ol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
Propyl acetate (CAS 109-60-4)	STEL	150 ppm	
	TWA	100 ppm	
US. NIOSH: Pocket Guide to Chen	nical Hazards		
Components	Туре	Value	
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3	
		1000 ppm	
Propan-2-ol (CAS 67-63-0)	STEL	1225 mg/m3	
		500 ppm	
	TWA	980 mg/m3	
		400 ppm	
Propyl acetate (CAS 109-60-4)	STEL	1050 mg/m3	
		250 ppm	
	TWA	840 mg/m3	
		200 ppm	

Biological limit values

ACGIH Biological Exposure Indices					
Components	Value	Determinant	Specimen	Sampling Time	
Propan-2-ol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*	

^{* -} For sampling details, please see the source document.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

Wear safety glasses with side shields (or goggles). Eye/face protection

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear suitable protective clothing.

If engineering controls do not maintain airborne concentrations below recommended exposure Respiratory protection

limits (where applicable) or to an acceptable level (in countries where exposure limits have not

been established), an approved respirator must be worn.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene When using do not smoke. Always observe good personal hygiene measures, such as washing considerations after handling the material and before eating, drinking, and/or smoking. Routinely wash work

clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Liquid. **Form** Liquid. Colorless. Color Odor Alcoholic. Neutral pН

Melting point/freezing point Not determined. > 95 °F (> 35 °C) Initial boiling point and boiling

range

57.2 °F (14.0 °C) Flash point **Evaporation rate** No data available Not applicable. Flammability (solid, gas)

Upper/lower flammability or explosive limits

Flammability limit - lower

3.3 (Ethanol)

(%)

(%)

Flammability limit - upper

19 (Ethanol)

Vapor pressure 57.3 hPa (19.6°C) (Ethanol)

Not determined. Vapor density Relative density Not determined.

Solubility(ies)

Soluble in water. Solubility (water)

Partition coefficient Not applicable, product is a mixture.

(n-octanol/water)

Auto-ignition temperature 685.4 °F (363 °C) (Ethanol)

Not determined. **Decomposition temperature**

Other information

Not determined. Kinematic viscosity

Particle size Not applicable, product is a liquid.

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Material is stable under normal conditions. **Chemical stability**

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Acids. Strong oxidizing agents. Chlorine. Isocyanates. Nitrates. Incompatible materials

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Skin contact Components of the product may be absorbed into the body through the skin.

Eye contact Causes serious eye irritation.

Ingestion May be harmful if swallowed. However, ingestion is not likely to be a primary route of occupational

exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and

blurred vision. Coughing.

Information on toxicological effects

Acute toxicity May be harmful if swallowed.

Acute toxicity	May be naminal il swallowed.	
Components	Species	Test Results
Ethanol (CAS 64-17-5)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 2000 mg/kg
Inhalation		
Vapor		
LC50	Mouse	39 g/m3, 4 Hours
Oral		
LD50	Rat	7000 - 11000 mg/kg
Propan-2-ol (CAS 67-63-0)		
<u>Acute</u>		
Dermal	B 11 %	40070 #
LD50	Rabbit	12870 mg/kg
Inhalation		
<i>Vapor</i> LC50	Rat	72.6 mg/l, 4 hours
	Nat	72.0 Hig/l, 4 Hours
Oral LD50	Rat	4710 mg/kg
Propyl acetate (CAS 109-60		47 To Highky
Acute	J -4)	
<u>Acute</u> Dermal		
LD50	Rabbit	> 17800 mg/kg, 24 Hours
Inhalation		
Vapor		
LC50	Rat	32 mg/l, 4 Hours
Oral		
LD50	Rat	8700 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

PIÑATA CLEAN UP SOLUTION SDS US

956781 Version #: 01 Revision date: - Issue date: 22-February-2021

IARC Monographs. Overall Evaluation of Carcinogenicity

Propan-2-ol (CAS 67-63-0)

3 Not classifiable as to carcinogenicity to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard

Not an aspiration hazard.

Chronic effects

Prolonged inhalation may be harmful.

Further information

Ethanol is metabolized to acetaldehyde and acetic acid which in large quantities result in

metabolic acidosis and CNS depression.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the

possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Species Test Results

Ethanol (CAS 64-17-5)

Aquatic

Acute

Components

Crustacea LC50 Ceriodaphnia dubia 5012 mg/l, 48 hours

Daphnia magna 454 mg/l, 11 days

Fish LC50 Pimephales promelas 13480 mg/l, 96 hours

Chronic

Crustacea NOEC Ceriodaphnia dubia 9.6 mg/l, 10 days

Propan-2-ol (CAS 67-63-0)

Aquatic

Acute

Crustacea LC50 Daphnia magna > 10000 mg/l, 24 hours
Fish LC50 Pimephales promelas 9640 mg/l, 96 hours

Chronic

Crustacea EC50 Daphnia magna > 100 mg/l, 21 days

NOEC Daphnia magna 141 mg/l, 16 days

30 mg/l, 21 days

Propyl acetate (CAS 109-60-4)

Aquatic

Acute

AlgaeEC50Pseudokirchnerella subcapitata672 mg/l, 72 hoursCrustaceaEC50Daphnia magna91.5 mg/l, 48 hoursFishLC50Pimephales promelas60 mg/l, 96 hours

Persistence and degradability

Expected to be readily biodegradable.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Ethanol (CAS 64-17-5) -0.31
Propan-2-ol (CAS 67-63-0) 0.05
Propyl acetate (CAS 109-60-4) 1.24

Mobility in soil No data available.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation

potential.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the

material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code D001: Waste Flammable material with a flash point <140 F

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal

instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

UN number UN1170

UN proper shipping name Transport hazard class(es) Ethanol solution

Class 3
Subsidiary risk Label(s) 3
Packing group ||

Environmental hazards

Marine pollutant No

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions 24, IB2, T4, TP1

Packaging exceptions 4b, 150
Packaging non bulk 202
Packaging bulk 242

IATA

UN number UN1170

UN proper shipping name Ethanol solution Transport hazard class(es)

Class 3
Subsidiary risk Packing group II
Environmental hazards No
ERG Code 3L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1170

UN proper shipping name ETHANOL SOLUTION

Transport hazard class(es)

Class 3
Subsidiary risk Packing group II
Environmental hazards

Marine pollutant No F-E, S-D

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to

Not established.

Annex II of MARPOL 73/78 and

the IBC Code

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Propan-2-ol (CAS 67-63-0) Listed. Propyl acetate (CAS 109-60-4) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA)

All components of the mixture on the TSCA 8(b) inventory are designated

"active".

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

Yes

chemical

Classified hazard Flammable (gases, aerosols, liquids, or solids)

categories Serious eye damage or eye irritation

SARA 313 (TRI reporting)

 Chemical name
 CAS number
 % by wt.

 Propan-2-ol
 67-63-0
 1 - 5

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Low priority

Low priority

Low priority

US state regulations

US. Massachusetts RTK - Substance List

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

US. New Jersey Worker and Community Right-to-Know Act

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

US. Pennsylvania Worker and Community Right-to-Know Law

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

US. Rhode Island RTK

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Propan-2-ol (CAS 67-63-0)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes

Europe European List of Notified Chemical Substances (ELINCS)

Japan Inventory of Existing and New Chemical Substances (ENCS)

Korea Existing Chemicals List (ECL)

New Zealand

New Zealand Inventory

Philippines

Philippine Inventory of Chemicals and Chemical Substances

Yes

(PICCS)

Taiwan Chemical Substance Inventory (TCSI)

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

Yes

16. Other information, including date of preparation or last revision

Issue date 22-February-2021

Revision date - 01

HMIS® ratings Health: 2

Flammability: 3 Physical hazard: 0

List of abbreviations DOT: Department of Transportation.

EC50: Effective Concentration, 50%.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous

Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

LC50: Lethal Concentration, 50%.

LD50: Lethal Dose, 50%.

MARPOL: International Convention for the Prevention of Pollution from Ships.

NOEC: No observed effect concentration.

PEL: Permissible Exposure Limit. STEL: Short-Term Exposure Limit. TWA: Time Weighted Average Value.

References IARC Monographs. Overall Evaluation of Carcinogenicity

National Toxicology Program (NTP) Report on Carcinogens

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

HSDB® - Hazardous Substances Data Bank

Disclaimer Rupert, Gibbon & Spider, Inc. cannot anticipate all conditions under which this information and its

product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently

available.

PIÑATA CLEAN UP SOLUTION SDS US

956781 Version #: 01 Revision date: - Issue date: 22-February-2021

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SAFETY DATA SHEET



US

1. Identification

Product identifier PIÑATA ALCOHOL INKS - Metallic Colors

Other means of identification

Product code 032, 034, 035
Recommended use Arts & crafts.
Recommended restrictions All other uses.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer Jacquard Products | Rupert, Gibbon & Spider, Inc.

1147 Healdsburg Ave. Healdsburg, CA 95448

USA

Telephone number 1-800-442-0455 / 1-707-433-9577

Fax 1-707-433-4906

Website www.jacquardproducts.com

E-mail service@jacquardproducts.com

Emergency telephone

number

ChemTel, Inc. - Contract #MIS9128344

N.America: 1-800-255-3924 International: 1-813-248-0585

2. Hazard(s) identification

Physical hazardsFlammable liquidsCategory 2Health hazardsSerious eye damage/eye irritationCategory 2Environmental hazardsHazardous to the aquatic environment, acuteCategory 1

hazard

Hazardous to the aquatic environment,

long-term hazard

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. Causes serious eye irritation. Very toxic to aquatic life with

long lasting effects.

Precautionary statement

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly

closed. Ground/bond container and receiving equipment. Use explosion-proof

electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear eye

Category 1

protection.

Response If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire:

Use appropriate media to extinguish. Collect spillage.

Storage Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

PIÑATA ALCOHOL INKS - Metallic Colors

956895 Version #: 01 Revision date: - Issue date: 22-February-2021

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

None.

Composition/information on ingredients

N	lix	tu	re	٤
I۷	ПX	tu	re	;

Chemical name	CAS number	%
Ethanol	64-17-5	45 - 65
Copper powder	7440-50-8	5 - 15
Propan-2-ol	67-63-0	2.5 - 5
Propyl acetate	109-60-4	2.5 - 5
Zinc powder	7440-66-6	1 - 5

4. First-aid measures

Move to fresh air. Call a physician if symptoms develop or persist. Inhalation

Skin contact Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical

attention if irritation develops and persists.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Rinse mouth. Get medical attention if symptoms occur. Ingestion

before reuse.

Most important

symptoms/effects, acute and

delayed

Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing.

Indication of immediate medical attention and special

treatment needed

General information

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Specific hazards arising from the chemical

Special protective equipment

and precautions for firefighters

Fire fighting equipment/instructions

Specific methods

General fire hazards

Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source

of ignition and flash back. During fire, gases hazardous to health may be formed. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials.

Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

PIÑATA ALCOHOL INKS - Metallic Colors 956895 Revision date: -Version #: 01 Issue date: 22-February-2021

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. The product is immiscible with water and will spread on the water surface. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

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u	ccupat	ionai	exposure	IIMITS

Components	Туре	Value	Form
Copper powder (CAS 7440-50-8)	PEL	1 mg/m3	Dust and mist.
		0.1 mg/m3	Fume.
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3	
		1000 ppm	
Propan-2-ol (CAS 67-63-0)	PEL	980 mg/m3	
		400 ppm	
Propyl acetate (CAS 109-60-4)	PEL	840 mg/m3	
		200 ppm	
US. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
Copper powder (CAS 7440-50-8)	TWA	1 mg/m3	Dust and mist.
		0.2 mg/m3	Fume.
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Propan-2-ol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
Propyl acetate (CAS 109-60-4)	STEL	150 ppm	
	TWA	100 ppm	

SDS US

Components	Туре	Value	Form
Copper powder (CAS 7440-50-8)	TWA	1 mg/m3	Dust and mist.
		0.1 mg/m3	Fume.
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3	
		1000 ppm	
Propan-2-ol (CAS 67-63-0)	STEL	1225 mg/m3	
		500 ppm	
	TWA	980 mg/m3	
		400 ppm	
Propyl acetate (CAS 109-60-4)	STEL	1050 mg/m3	
		250 ppm	
	TWA	840 mg/m3	
		200 ppm	

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time	
Propan-2-ol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*	

^{* -} For sampling details, please see the source document.

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

Wear safety glasses with side shields (or goggles). Eye/face protection

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear suitable protective clothing.

If engineering controls do not maintain airborne concentrations below recommended exposure Respiratory protection

limits (where applicable) or to an acceptable level (in countries where exposure limits have not

been established), an approved respirator must be worn.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work

clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Liquid. Physical state **Form** Liquid. Various. Color Odor Alcoholic. Neutral На

Melting point/freezing point Not determined. > 95 °F (> 35 °C) Initial boiling point and boiling

range

57.2 °F (14.0 °C) Flash point **Evaporation rate** No data available Flammability (solid, gas) Not applicable.

PIÑATA ALCOHOL INKS - Metallic Colors

956895 Version #: 01 Revision date: -Issue date: 22-February-2021 Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

Flammability limit - upper

(%)

19 (Ethanol)

3.3 (Ethanol)

Vapor pressure 57.3 hPa (19.6°C) (Ethanol)

Vapor density Not determined.

Relative density Not determined.

Solubility(ies)

Solubility (water) Not miscible or difficult to mix.

Partition coefficient Not applicable, product is a mixture.

(n-octanol/water)

Auto-ignition temperature 685.4 °F (363 °C) (Ethanol)

Decomposition temperature Not determined.

Other information

Kinematic viscosity Not determined.

Particle size Not applicable, material is a liquid.

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Skin contact Components of the product may be absorbed into the body through the skin.

Eye contact Causes serious eye irritation.

Ingestion May be harmful if swallowed. However, ingestion is not likely to be a primary route of occupational

exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and

blurred vision. Coughing.

Information on toxicological effects

Acute toxicity May be harmful if swallowed.

Components Species Test Results

Ethanol (CAS 64-17-5)

Acute

Dermal

LD50 Rat > 2000 mg/kg

Inhalation

Vapor

LC50 Mouse 39 g/m3, 4 Hours

Oral

LD50 Rat 7000 - 11000 mg/kg

PIÑATA ALCOHOL INKS - Metallic Colors

956895 Version #: 01 Revision date: - Issue date: 22-February-2021

5 / 10

Components **Species Test Results**

Propan-2-ol (CAS 67-63-0)

Acute

Dermal

LD50 Rabbit 12870 mg/kg

Inhalation

Vapor

Rat LC50 72.6 mg/l, 4 hours

Oral

LD50 Rat 4710 mg/kg

Propyl acetate (CAS 109-60-4)

Acute

Dermal

LD50 Rabbit > 17800 mg/kg, 24 Hours

Inhalation

Vapor

LC50 Rat 32 mg/l, 4 Hours

Oral

LD50 Rat 8700 mg/kg

Prolonged skin contact may cause temporary irritation. Skin corrosion/irritation

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Not classifiable as to carcinogenicity to humans. Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Propan-2-ol (CAS 67-63-0) 3 Not classifiable as to carcinogenicity to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

This product is not expected to cause reproductive or developmental effects. Reproductive toxicity

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Not an aspiration hazard. **Aspiration hazard**

Chronic effects Prolonged inhalation may be harmful.

Further information Ethanol is metabolized to acetaldehyde and acetic acid which in large quantities result in

metabolic acidosis and CNS depression.

12. Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects.

Components **Test Results Species**

Copper powder (CAS 7440-50-8)

Aquatic

Chronic

Other NOEC Juga plicifera 6 µg/l

PIÑATA ALCOHOL INKS - Metallic Colors 956895

Components **Species Test Results** Ethanol (CAS 64-17-5) Aquatic Acute LC50 Crustacea Ceriodaphnia dubia 5012 mg/l, 48 hours Daphnia magna 454 mg/l, 11 days Fish LC50 Pimephales promelas 13480 mg/l, 96 hours Chronic Crustacea NOEC Ceriodaphnia dubia 9.6 mg/l, 10 days Propan-2-ol (CAS 67-63-0) Aquatic Acute LC50 Crustacea Daphnia magna > 10000 mg/l, 24 hours Fish LC50 Pimephales promelas 9640 mg/l, 96 hours Chronic Crustacea EC50 Daphnia magna > 100 mg/l, 21 days NOEC Daphnia magna 141 mg/l, 16 days 30 mg/l, 21 days Propyl acetate (CAS 109-60-4) Aquatic Acute EC50 Pseudokirchnerella subcapitata Algae 672 mg/l, 72 hours Crustacea EC50 Daphnia magna 91.5 mg/l, 48 hours Fish LC50 Pimephales promelas 60 mg/l, 96 hours Zinc powder (CAS 7440-66-6) Aquatic Acute LC50 Fish Banded killifish (Fundulus diaphanus) 0.84 mg/l, 96 hours Persistence and degradability Expected to be readily biodegradable. Not applicable to inorganic substances. Bioaccumulative potential Partition coefficient n-octanol / water (log Kow) Ethanol (CAS 64-17-5) -0.31 Propan-2-ol (CAS 67-63-0) 0.05 Propyl acetate (CAS 109-60-4) 1.24 Mobility in soil No data available.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation

potential.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the

> material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with

local/regional/national/international regulations.

Dispose in accordance with all applicable regulations. Local disposal regulations

Hazardous waste code D001: Waste Flammable material with a flash point <140 F

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal

instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

Transport information

DOT

UN1170 **UN number UN** proper shipping name Ethanol solution

Transport hazard class(es)

Class 3 Subsidiary risk 3 Label(s) Ш **Packing group Environmental hazards**

> Marine pollutant Yes

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Ethanol solution

Special provisions 24. IB2. T4. TP1

Packaging exceptions 4b. 150 Packaging non bulk 202 Packaging bulk 242

IATA

UN1170 **UN number**

UN proper shipping name

Transport hazard class(es)

3 Class Subsidiary risk Ш Packing group **Environmental hazards** Yes **ERG Code** 31

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN1170 **UN** number

ETHANOL SOLUTION UN proper shipping name

Transport hazard class(es) Class 3 Subsidiary risk Ш

Environmental hazards

Marine pollutant Yes F-E. S-D **EmS**

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to

Annex II of MARPOL 73/78 and

Packing group

the IBC Code

General information IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not established.

Zinc powder (CAS 7440-66-6) 1.0 % Annual Export Notification required.

CERCLA Hazardous Substance List (40 CFR 302.4)

Copper powder (CAS 7440-50-8) Listed. Propan-2-ol (CAS 67-63-0) Listed. Propyl acetate (CAS 109-60-4) Listed. Zinc powder (CAS 7440-66-6) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

One or more components of the mixture are not on the TSCA 8(b) inventory **Toxic Substances Control Act (TSCA)**

or are designated "inactive".

PIÑATA ALCOHOL INKS - Metallic Colors 956895 Version #: 01 Revision date: -Issue date: 22-February-2021

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

Classified hazard

chemical

categories Serious eye damage or eye irritation

Yes

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
Copper powder	7440-50-8	5 - 15	
Propan-2-ol	67-63-0	2.5 - 5	
Zinc powder	7440-66-6	1 - 5	

Flammable (gases, aerosols, liquids, or solids)

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Contains component(s) regulated under the Safe Drinking Water Act.

(SDWA)

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Low priority

Low priority

US state regulations

US. Massachusetts RTK - Substance List

Copper powder (CAS 7440-50-8)

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Zinc powder (CAS 7440-66-6)

US. New Jersey Worker and Community Right-to-Know Act

Copper powder (CAS 7440-50-8)

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Zinc powder (CAS 7440-66-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Copper powder (CAS 7440-50-8)

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Zinc powder (CAS 7440-66-6)

US. Rhode Island RTK

Copper powder (CAS 7440-50-8)

Ethanol (CAS 64-17-5)

Propan-2-ol (CAS 67-63-0)

Propyl acetate (CAS 109-60-4)

Zinc powder (CAS 7440-66-6)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Copper powder (CAS 7440-50-8)

Propan-2-ol (CAS 67-63-0)

Zinc powder (CAS 7440-66-6)

PIÑATA ALCOHOL INKS - Metallic Colors
956895 Version #: 01 Revision date: - Issue date: 22-February-2021

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical	No

Substances (EINECS)

European List of Notified Chemical Substances (ELINCS) Europe No Japan Inventory of Existing and New Chemical Substances (ENCS) No Korea Existing Chemicals List (ECL) No New Zealand New Zealand Inventory No **Philippines** Nο

Philippine Inventory of Chemicals and Chemical Substances

(PICCS)

Taiwan Chemical Substance Inventory (TCSI) No Taiwan United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

16. Other information, including date of preparation or last revision

22-February-2021 Issue date

Revision date Version # 01

HMIS® ratings Health: 2

Flammability: 3 Physical hazard: 0

List of abbreviations DOT: Department of Transportation.

EC50: Effective Concentration, 50%.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous

Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

LC50: Lethal Concentration, 50%.

LD50: Lethal Dose, 50%.

MARPOL: International Convention for the Prevention of Pollution from Ships.

NOEC: No observed effect concentration.

PEL: Permissible Exposure Limit. STEL: Short-Term Exposure Limit. TWA: Time Weighted Average Value.

IARC Monographs. Overall Evaluation of Carcinogenicity References

National Toxicology Program (NTP) Report on Carcinogens

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

HSDB® - Hazardous Substances Data Bank

Rupert, Gibbon & Spider, Inc. cannot anticipate all conditions under which this information and its **Disclaimer**

product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently

available.

10 / 10

956895 Version #: 01 Revision date: -Issue date: 22-February-2021

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

ACQUARD

SAFETY DATA SHEET

US

1. Identification

Product identifier PIÑATA CLARO EXTENDER

Other means of identification

Product code JFC1001, JFC2001

Recommended use Arts & crafts.

Recommended restrictions All other uses.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer Jacquard Products | Rupert, Gibbon & Spider, Inc.

1147 Healdsburg Ave. Healdsburg, CA 95448

USA

Telephone number 1-800-442-0455 / 1-707-433-9577

Fax 1-707-433-4906

Website www.jacquardproducts.com

E-mail service@jacquardproducts.com

Emergency telephone

number

ChemTel, Inc. - Contract #MIS9128344

N.America: 1-800-255-3924 International: 1-813-248-0585

2. Hazard(s) identification

Physical hazardsFlammable liquidsCategory 2Health hazardsSerious eye damage/eye irritationCategory 2

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. Causes serious eye irritation.

Precautionary statement

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly

closed. Ground/bond container and receiving equipment. Use explosion-proof

electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Wear eye protection.

Response If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire:

Use appropriate media to extinguish.

Storage Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise

classified (HNOC)

None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

PIÑATA CLARO EXTENDER SDS US

956807 Version #: 01 Revision date: - Issue date: 22-February-2021

Chemical name	CAS number	%
Ethanol	64-17-5	60 - 75
Ethylene glycol monopropyl ether	2807-30-9	10 - 20
Propan-2-ol	67-63-0	1 - 5
Propyl acetate	109-60-4	1 - 5

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical Skin contact

attention if irritation develops and persists.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and

delayed

Indication of immediate medical attention and special treatment needed

General information

Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing.

Provide general supportive measures and treat symptomatically. Keep victim under observation.

Symptoms may be delayed.

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing media

Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods General fire hazards Use standard firefighting procedures and consider the hazards of other involved materials.

Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

SDS US

Environmental precautions

PIÑATA CLARO EXTENDER

2 / 10

. Handling and storage

Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

upational exposure limits US. OSHA Table Z-1 Limits for Air	Contaminants (29 CFR 1910.	000)	
Components	Туре	Value	
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3	
		1000 ppm	
Propan-2-ol (CAS 67-63-0)	PEL	980 mg/m3	
		400 ppm	
Propyl acetate (CAS 109-60-4)	PEL	840 mg/m3	
		200 ppm	
US. ACGIH Threshold Limit Value	5		
Components	Туре	Value	
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Propan-2-ol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
Propyl acetate (CAS 109-60-4)	STEL	150 ppm	
	TWA	100 ppm	
US. NIOSH: Pocket Guide to Chen	nical Hazards		
Components	Туре	Value	
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3	
		1000 ppm	
Propan-2-ol (CAS 67-63-0)	STEL	1225 mg/m3	
		500 ppm	
	TWA	980 mg/m3	
		400 ppm	
Propyl acetate (CAS 109-60-4)	STEL	1050 mg/m3	
		250 ppm	
	TWA	840 mg/m3	
		200 ppm	

Biological limit values

ACGIH Biological Ex					
Components	Value	Determinant	Specimen	Sampling Time	
Propan-2-ol (CAS 67-	63-0) 40 mg/l	Acetone	Urine	*	

^{* -} For sampling details, please see the source document.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

PIÑATA CLARO EXTENDER SDS US Individual protection measures, such as personal protective equipment

Wear safety glasses with side shields (or goggles). Eye/face protection

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear suitable protective clothing.

If engineering controls do not maintain airborne concentrations below recommended exposure Respiratory protection

limits (where applicable) or to an acceptable level (in countries where exposure limits have not

been established), an approved respirator must be worn.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene When using do not smoke. Always observe good personal hygiene measures, such as washing considerations after handling the material and before eating, drinking, and/or smoking. Routinely wash work

clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Liquid. **Form** Liquid.

Colorless to pale yellow. Color

Odor Alcoholic. Neutral pН

Melting point/freezing point Not determined. > 95 °F (> 35 °C) Initial boiling point and boiling

range

57.2 °F (14.0 °C) Flash point **Evaporation rate** No data available Not applicable. Flammability (solid, gas)

Upper/lower flammability or explosive limits

Flammability limit - lower

3.3 (Ethanol)

(%)

Flammability limit - upper

19 (Ethanol)

(%)

Vapor pressure 57.3 hPa (19.6°C) (Ethanol)

Not determined. Vapor density Relative density Not determined.

Solubility(ies)

Not miscible or difficult to mix. Solubility (water) Partition coefficient

(n-octanol/water)

Not applicable, product is a mixture.

Auto-ignition temperature

685.4 °F (363 °C) (Ethanol)

Decomposition temperature

Not determined.

Other information

Not determined. Kinematic viscosity

Particle size Not applicable, material is a liquid.

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions. Possibility of hazardous Hazardous polymerization does not occur.

reactions

Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

4 / 10

flash point. Contact with incompatible materials.

Strong oxidizing agents. Nitrates. Incompatible materials

PIÑATA CLARO EXTENDER SDS US No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Skin contact Components of the product may be absorbed into the body through the skin.

Eye contact Causes serious eye irritation.

Ingestion May be harmful if swallowed. However, ingestion is not likely to be a primary route of occupational

exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and

blurred vision. Coughing.

Information on toxicological effects

Acute toxicity May be harmful if swallowed.

Addic toxiony		way se harmar ii owaliewed.	
Compor		Species	Test Results
Ethanol	(CAS 64-17-5)		
	<u>Acute</u>		
	Dermal		
	LD50	Rat	> 2000 mg/kg
	Inhalation		
	Vapor	Maria	00 / 0 411
	LC50	Mouse	39 g/m3, 4 Hours
	Oral	D-4	7000 44000 m m/l m
	LD50	Rat	7000 - 11000 mg/kg
Ethylene	e glycol monopropyl ether (C	AS 2807-30-9)	
	Acute		
	Dermal LD50	Rabbit	1300 mg/kg
		Nabbit	1300 Hig/kg
	Inhalation <i>Vapor</i>		
	LC50	Rat	> 2132 ppm, 6 hours
	Oral	· · ·	2 102 ppm, 0 nodio
	LD50	Mouse	1774 mg/kg
		Rat	3089 mg/kg
Propan-	2-ol (CAS 67-63-0)	Nat	3000 mg/kg
Порап-	Acute		
	Dermal Dermal		
	LD50	Rabbit	12870 mg/kg
	Inhalation		3 3
	Vapor		
	LC50	Rat	72.6 mg/l, 4 hours
	Oral		-
	LD50	Rat	4710 mg/kg
Propyl a	cetate (CAS 109-60-4)		
	<u>Acute</u>		
	Dermal		
	LD50	Rabbit	> 17800 mg/kg, 24 Hours
	Inhalation		
	Vapor		
	LC50	Rat	32 mg/l, 4 Hours

PIÑATA CLARO EXTENDER SDS US

956807 Version #: 01 Revision date: - Issue date: 22-February-2021

Components Species Test Results

Oral

LD50 Rat 8700 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Propan-2-ol (CAS 67-63-0) 3 Not classifiable as to carcinogenicity to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicityThis product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Fish

Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

Further information Ethanol is metabolized to acetaldehyde and acetic acid which in large quantities result in

metabolic acidosis and CNS depression.

12. Ecological information

EcotoxicityThe product is not classified as environmentally hazardous. However, this does not exclude the

•	possibility that large or frequent spills can have a harmful or damaging effect on the environment.			
Components		Species	Test Results	
Ethanol (CAS 64-17-5)				
Aquatic				
Acute				
Crustacea	LC50	Ceriodaphnia dubia	5012 mg/l, 48 hours	
		Daphnia magna	454 mg/l, 11 days	
Fish	LC50	Pimephales promelas	13480 mg/l, 96 hours	
Chronic				
Crustacea	NOEC	Ceriodaphnia dubia	9.6 mg/l, 10 days	
Ethylene glycol monoprop	yl ether (CAS 2	807-30-9)		
Chronic				
	NOEC	Selenastrum capricornutum (Pseudokirchnerella subcapitata)	125 mg/l, 7 days	
Aquatic				
Acute				
Fish	LC50	Pimephales promelas	4926 mg/l, 96 hours	
Propan-2-ol (CAS 67-63-0	0)			
Aquatic				
Acute				
Crustacea	LC50	Daphnia magna	> 10000 mg/l, 24 hours	

PIÑATA CLARO EXTENDER SDS US

Pimephales promelas

LC50

9640 mg/l, 96 hours

ComponentsSpeciesTest ResultsChronic
CrustaceaEC50
NOECDaphnia magna
Daphnia magna> 100 mg/l, 21 daysNOECDaphnia magna141 mg/l, 16 days
30 mg/l, 21 days

Propyl acetate (CAS 109-60-4)

Aquatic

Acute

Algae EC50 Pseudokirchnerella subcapitata 672 mg/l, 72 hours
Crustacea EC50 Daphnia magna 91.5 mg/l, 48 hours
Fish LC50 Pimephales promelas 60 mg/l, 96 hours

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Ethanol (CAS 64-17-5) -0.31 Propan-2-ol (CAS 67-63-0) 0.05 Propyl acetate (CAS 109-60-4) 1.24

Mobility in soil No data available.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation

potential.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the

material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of

contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code D001: Waste Flammable material with a flash point <140 F

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal

nstructions)

Contaminated packagingSince emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

UN number UN1170

UN proper shipping name Ethanol solution

Transport hazard class(es)

Class 3
Subsidiary risk Label(s) 3
Packing group II
Environmental hazards

Marine pollutant No.

O did no pondiant

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions 24, IB2, T4, TP1

Packaging exceptions 4b, 150
Packaging non bulk 202
Packaging bulk 242

IATA

UN number UN1170
UN proper shipping name Ethanol solution

Transport hazard class(es)

Class 3

PIÑATA CLARO EXTENDER SDS US

Subsidiary risk Ш Packing group **Environmental hazards** No **ERG Code** 3L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1170

UN proper shipping name **ETHANOL SOLUTION**

Transport hazard class(es)

Class 3 Subsidiary risk Ш Packing group **Environmental hazards**

Marine pollutant No F-E. S-D **EmS**

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to

Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication **US** federal regulations

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not established.

CERCLA Hazardous Substance List (40 CFR 302.4)

Ethylene glycol monopropyl ether (CAS 2807-30-9) Listed Propan-2-ol (CAS 67-63-0) Listed. Propyl acetate (CAS 109-60-4) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA)

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Yes

chemical

Classified hazard Flammable (gases, aerosols, liquids, or solids)

Serious eye damage or eye irritation categories

SARA 313 (TRI reporting)

Chemical name CAS number % by wt. Ethylene glycol monopropyl ether 10 - 20 2807-30-9 Propan-2-ol 67-63-0 1 - 5

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethylene glycol monopropyl ether (CAS 2807-30-9)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not regulated.

(SDWA)

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Ethanol (CAS 64-17-5) Low priority Propan-2-ol (CAS 67-63-0) Low priority Propyl acetate (CAS 109-60-4) Low priority

PIÑATA CLARO EXTENDER SDS US 8 / 10

US state regulations

US. Massachusetts RTK - Substance List

Ethanol (CAS 64-17-5) Propan-2-ol (CAS 67-63-0) Propyl acetate (CAS 109-60-4)

US. New Jersey Worker and Community Right-to-Know Act

Ethanol (CAS 64-17-5)

Ethylene glycol monopropyl ether (CAS 2807-30-9)

Propan-2-ol (CAS 67-63-0) Propyl acetate (CAS 109-60-4)

US. Pennsylvania Worker and Community Right-to-Know Law

Ethanol (CAS 64-17-5)

Ethylene glycol monopropyl ether (CAS 2807-30-9)

Propan-2-ol (CAS 67-63-0) Propyl acetate (CAS 109-60-4)

US. Rhode Island RTK

Ethanol (CAS 64-17-5) Propan-2-ol (CAS 67-63-0) Propyl acetate (CAS 109-60-4)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Ethylene glycol monopropyl ether (CAS 2807-30-9) Propan-2-ol (CAS 67-63-0)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information, including date of preparation or last revision

Issue date 22-February-2021

Revision date - 01

HMIS® ratings Health: 2

Flammability: 3 Physical hazard: 0

PIÑATA CLARO EXTENDER SDS US

956807 Version #: 01 Revision date: - Issue date: 22-February-2021

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

List of abbreviations DOT: Department of Transportation.

EC50: Effective Concentration, 50%.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous

Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

LC50: Lethal Concentration, 50%.

LD50: Lethal Dose, 50%.

MARPOL: International Convention for the Prevention of Pollution from Ships.

NOEC: No observed effect concentration.

PEL: Permissible Exposure Limit. STEL: Short-Term Exposure Limit. TWA: Time Weighted Average Value.

References IARC Monographs. Overall Evaluation of Carcinogenicity

National Toxicology Program (NTP) Report on Carcinogens

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

HSDB® - Hazardous Substances Data Bank

Disclaimer Rupert, Gibbon & Spider, Inc. cannot anticipate all conditions under which this information and its

product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently

available.

PIÑATA CLARO EXTENDER SDS US