

SAFETY DATA SHEET

02981-1001

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 ChemTel, Inc. - Contract #MIS9128344

number

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.

ResponseIf 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

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 Skin contact 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 attention if irritation develops and persists.

Eye contact

Ingestion

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.

Rinse mouth. Get medical attention if symptoms occur.

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 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

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.

Environmental precautions

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.

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 exposu	ıre limits

US. OSHA Table Z-1 Limits for Air 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.

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.

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

clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

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

Melting point/freezing point Initial boiling point and boiling

range

Not determined. > 95 °F (> 35 °C)

57.2 °F (14.0 °C) No data available Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

Flash point **Evaporation rate**

3.3 (Ethanol)

Flammability limit - upper 19 (Ethanol)

(%)

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

Not determined. Vapor density Not determined. Relative density

Solubility(ies)

Solubility (water) Soluble in water.

Partition coefficient Not applicable, product is a mixture.

(n-octanol/water)

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

Decomposition temperature

Not determined.

Other information

Not determined. Kinematic viscosity

Particle size Not applicable, product is a liquid.

10. Stability and reactivity

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

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

Conditions to avoid

reactions

No dangerous reaction known under conditions of normal use.

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

Hazardous decomposition

No hazardous decomposition products are known.

products

11. Toxicological information

Information on likely routes of exposure

Prolonged inhalation may be harmful. Inhalation

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

Eye contact Causes serious eye irritation.

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

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

May be harmful if swallowed. **Acute toxicity**

Acute toxicity May be naminum swanowed.			
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			
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)			
<u>Acute</u>			
Dermal	B. I.I.	47000 # 0444	
LD50	Rabbit	> 17800 mg/kg, 24 Hours	
Inhalation			
Vapor	Det	00 # 411	
LC50	Rat	32 mg/l, 4 Hours	
Oral	D 4	0700 #	
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 sensitiza	tion		

Not a respiratory sensitizer. Respiratory sensitization

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

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

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 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

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
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 109-6	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

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

Dispose in accordance with all applicable regulations.

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

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

Ethanol solution

Ethanol solution

Transport hazard class(es)

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

Environmental hazards

Marine pollutant Nο

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

24. IB2. T4. TP1 **Special provisions**

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

IATA

UN number UN1170

UN proper shipping name

Transport hazard class(es)

Class 3 Subsidiary risk Packing group П **Environmental hazards** No

ERG Code 3L

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 П Packing group

Environmental hazards Nο Marine pollutant

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

Not established.

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

chemical

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

Serious eye damage or eye irritation categories

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) 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

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)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes

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) 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

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

22-February-2021 Issue date

Revision date Version # 01 Health: 2 **HMIS®** ratings

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

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.