

1. Identification

Product identifier Presaturated wipes containing 90% Isopropyl alcohol, 10% water. (LQ)

Other means of identification

SDS number 9010LQSC

Product code PS-HS-9010, PSPP0032, PSPS0070

Recommended use Wipe for critical cleaning.

Recommended restrictions Uses other than the recommended use.

Manufacturer/Importer/Supplier/Distributor information

Company Name Contec, Inc.

Address 525 Locust Grove
Spartanburg, SC 29303
USA

Telephone 1-864-503-8333

Email SDS@contecinc.com

Emergency phone number Call CHEMTREC day or night
USA/Canada: 1.800.424.9300
Mexico: 1.800.681.9531
Outside USA/Canada: +1.703.527.3887

2. Hazard(s) identification

Hazards of the product as supplied

Physical hazards	Flammable liquids	Category 2
Health hazards	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 narcotic effects

OSHA defined hazards Not classified.

Other hazards

Hazard(s) not otherwise classified (HNOC) No additional hazards are known to be associated with the expected conditions of use at the time of publication. This document does not address hazards that may arise from uses not reasonably anticipated by the manufacturer.

Supplemental information Although the product as a whole is in solid format, the product does not meet the OSHA HCS definition of a flammable solid as per Appendix B to 1910.1200 - Physical Hazard Criteria, section B.7.1 and B. 7.2 or Canada's Hazardous Products Regulations Subpart 7.

Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary statement

Prevention Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing mist/vapors. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection.

Response	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or 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. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. In case of fire: Use appropriate media to extinguish.
Storage	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Propan-2-ol	67-63-0	90
Water	7732-18-5	10

Composition comments All concentrations are in percent by volume.

4. First-aid measures

Inhalation	Not relevant, due to the form of the product. However: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
Skin contact	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	Not relevant, due to the form of the product. However: If ingestion occurs: Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. In high concentrations, vapors are narcotic and may cause headache, fatigue, dizziness and nausea.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	May burn with invisible flame. Vapors may form explosive mixtures with air. Vapors are heavier than air and may spread near ground to sources of ignition. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. Carbon oxides. Organic compounds.
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. Cool containers exposed to flames with water. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Solid containing 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. Avoid breathing mist/vapors. Avoid contact with skin, eyes and clothing. 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.
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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. Avoid release to the environment. The liquid solvent solution is miscible in water. Spills are very unlikely, because the wiper fabric has absorbed the liquid solvent solution. In the event of a spill, contain with an inert absorbent. Collect the wipes with a non sparking tool and absorb or wipe any residual liquids. Put material in suitable container. 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.

7. Handling and storage

Precautions for safe handling	WARNING! Used wipes may catch fire if improperly discarded or stored near ignition sources. 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. Avoid breathing mist/vapors. Avoid contact with skin, eyes and clothing. Avoid prolonged exposure. Wash thoroughly after handling. 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. Keep containers closed when not in use. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)

Material	Type	Value
Presaturated wipes containing 90% Isopropyl alcohol, 10% water. (LQ)	PEL	980 mg/m3
		400 ppm
Components	Type	Value
Propan-2-ol (CAS 67-63-0)	PEL	980 mg/m3
		400 ppm

US. ACGIH Threshold Limit Values (TLV)

Material	Type	Value
Presaturated wipes containing 90% Isopropyl alcohol, 10% water. (LQ)	STEL	400 ppm
	TWA	200 ppm
Components	Type	Value
Propan-2-ol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

Material	Type	Value
Presaturated wipes containing 90% Isopropyl alcohol, 10% water. (LQ)	IDLH	2 %
		2000 ppm
Components	Type	Value
Propan-2-ol (CAS 67-63-0)	IDLH	2000 ppm
US. NIOSH: Pocket Guide to Chemical Hazards		
Material	Type	Value
Presaturated wipes containing 90% Isopropyl alcohol, 10% water. (LQ)	STEL	1225 mg/m3
		500 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Material	Type	Value
	TWA	980 mg/m3
		400 ppm
Components	Type	Value
Propan-2-ol (CAS 67-63-0)	STEL	1225 mg/m3
		500 ppm
	TWA	980 mg/m3
		400 ppm

Biological limit values**ACGIH Biological Exposure Indices (BEI)**

Material	Value	Determinant	Specimen	Sampling Time
Presaturated wipes containing 90% Isopropyl alcohol, 10% water. (LQ)	40 mg/l	Acetone	Urine	*
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.

Exposure guidelines

Follow standard monitoring procedures.

Appropriate engineering controls

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. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

Eye/face protection Not necessary under normal conditions. If splashing is possible, wear safety glasses with side shields (or goggles).

Skin protection**Hand protection**

Wear appropriate chemical resistant gloves. Take note of the information given by the manufacturer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Recommended materials: Polyethylene. Neoprene. Chlorinated polyethylene (or Chlorosulfonated polyethylene). Natural rubber. Polyvinyl chloride (PVC). Nitrile rubber/Nitrile latex - NBR. Ethyl vinyl alcohol laminate ("EVAL").
Unsuitable materials: Polyvinyl alcohol (PVA).

Skin protection**Other**

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

Not necessary under normal conditions. 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. Wear NIOSH approved respirator appropriate for airborne exposure at the point of use. Check with respiratory protective equipment suppliers. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134.

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

Physical state	Solid.
Form	Wipes saturated with liquid.
Color	Colorless, clear.
Odor	Alcohol-like.

Odor threshold	Property has not been measured.
Melting point/freezing point	Property has not been measured. (liquid)
Boiling point or initial boiling point and boiling range	179.6 - 192.2 °F (82 - 89 °C) (liquid)
Flammability	Solid containing highly flammable liquid.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	2 % (liquid)
Explosive limit - upper (%)	12 % (liquid)
Flash point	64.4 °F (18 °C) (liquid)
Auto-ignition temperature	750.2 °F (399 °C) (liquid)
Decomposition temperature	Property has not been measured.
pH	Property has not been measured. (liquid)
Kinematic viscosity	Property has not been measured. (liquid)
Solubility	
Solubility (water)	Completely soluble (100%)
Partition coefficient (n-octanol/water)	Not applicable to mixtures.
Vapor pressure	43 hPa (32 mm Hg) (68 °F (20 °C) (liquid))
Density and/or relative density	
Density	129.28 mg/m ³
Relative density	0.872 (68 °F (20 °C) (liquid))
Vapor density	Property has not been measured. (liquid)
Particle characteristics	Not applicable. (Cloth with substances which are intentionally released)
Other information	The product is supplied as pre-saturated wipes. The physico-chemical properties listed refer to the impregnating liquid and not to the solid substrate.
Dynamic viscosity	0.58 mPa.s (167 °F (75 °C))
Evaporation rate	Property has not been measured. (liquid)
Explosive properties	Not explosive.
Heat of combustion (NFPA 30B)	27.4 kJ/g
Molecular formula	C3-H8-O
Molecular weight	60.1 g/mol
Oxidizing properties	Not oxidizing.
Percent volatile	100 % (IPA)
Surface tension	20.93 mN/m (77 °F (25 °C))
Viscosity	Property has not been measured. (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 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 acids. Strong oxidizing agents. Halogens. Aldehydes. Halogenated organics.
Hazardous decomposition products	Combustion may produce: Oxides of carbon and other organic substances.

11. Toxicological information

Information on likely routes of exposure

Inhalation No inhalation hazard under normal conditions. However: May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation of vapors may be harmful.

Skin contact Prolonged skin contact may cause temporary irritation.

Eye contact Not relevant, due to the form of the product. However: Direct contact: Causes serious eye irritation.

Ingestion Not relevant, due to the form of the product. However: May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. In high concentrations, vapors are narcotic and may cause headache, fatigue, dizziness and nausea.

Information on toxicological effects

Acute toxicity Not relevant, due to the form of the product in its manufactured and shipped state.

Product	Species	Test Results
Presaturated wipes containing 90% Isopropyl alcohol, 10% water. (LQ) (CAS Mixture)		
Acute		
Oral		
ATEmix		5233 mg/kg bw

Components	Species	Test Results
Propan-2-ol (CAS 67-63-0)		
Acute		
Dermal		
LD50	Rabbit	12870 mg/kg
Inhalation		
<i>Vapor</i>		
LC50	Rat	72.6 mg/l, 4 hours
Oral		
LD50	Rat	4710 mg/kg

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

Serious eye damage/eye irritation Not relevant, due to the form of the product. However: Direct contact: 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 toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects

Frequent or prolonged contact may defat and dry the skin.

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
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

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

Bioconcentration potential is low.

Partition coefficient n-octanol / water (log Kow)

Propan-2-ol (CAS 67-63-0) 0.05

Mobility in soil

Isopropyl alcohol is highly mobile in soil.

Other adverse effects

The product contains a volatile organic compound which has a photochemical ozone creation potential.

13. Disposal considerations**Disposal instructions**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. Used wipes must be disposed in a closed container. Dispose of used wipes by dry waste to landfill.

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 of 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.

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport information**DOT**

UN number	UN3175
UN proper shipping name	Solids containing flammable liquid, n.o.s. (Isopropanol), Limited Quantity
Transport hazard class(es)	
Class	4.1
Subsidiary hazard	-
Label(s)	4.1
Packing group	II
Environmental hazards	
Marine pollutant	No.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	47, IB6, IP2, T3, TP33
Packaging exceptions	151
Packaging non bulk	212
Packaging bulk	240

IATA

UN number	UN3175
UN proper shipping name	Solids containing flammable liquid, n.o.s. (Isopropanol)

Transport hazard class(es)**Class** 4.1**Subsidiary hazard** -**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** UN3175**UN proper shipping name** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol), Limited Quantity**Transport hazard class(es)****Class** 4.1**Subsidiary hazard** -**Packing group** II**Environmental hazards****Marine pollutant** No**EmS** F-A, S-I**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**Transport in bulk according to** Not applicable.**IMO instruments****15. Regulatory information****US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**Toxic Substances Control Act (TSCA)** All components of the mixture on the TSCA 8(b) inventory are designated "active".**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)

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)**SARA 302 Extremely hazardous substance**

Not listed.

SARA 311/312 Hazardous chemical Yes**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Propan-2-ol	67-63-0	90

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 (SDWA) Not regulated.**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

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

US state regulations

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)

US. Massachusetts RTK - Substance List

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

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

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

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

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

US. Rhode Island RTK

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

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.

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 country(s).

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

Issue date	14-June-2024
Revision date	17-September-2026
Version #	02
References	IARC Monographs. Overall Evaluation of Carcinogenicity
Disclaimer	Contec, 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.