

## 1. Identification

<b>Product identifier</b>	<b>Presaturated wipes containing 95% Isopropyl alcohol, 5% water. (9505SCFL)</b>	
<b>Other means of identification</b>		
<b>SDS number</b>	9505SCFL	
<b>Product code</b>	495357-122, SWNW0008	
<b>Recommended use</b>	Wipe for critical cleaning.	
<b>Recommended restrictions</b>	Uses other than the recommended use.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Company name</b>	Contec, Inc.	
<b>Address</b>	525 Locust Grove Spartanburg, SC 29303 USA	
<b>Telephone</b>	1-864-503-8333	
<b>Email</b>	SDS@contecinc.com	
<b>Emergency phone number</b>	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 identification

<b>Physical hazards</b>	Flammable liquids	Category 2
<b>Health hazards</b>	Serious eye damage/eye irritation	Category 2A
<b>Label elements</b>		



<b>Signal word</b>	Danger	
<b>Hazard statement</b>	Highly flammable liquid and vapour. Causes serious eye irritation.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use non-sparking tools. Take action to prevent static discharges. Wash thoroughly after handling. Wear protective gloves/protective clothing/face protection.	
<b>Response</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. 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.	
<b>Storage</b>	Store in a well-ventilated place. Keep cool.	
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.	
<b>Supplemental information</b>	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.	
<b>Other hazards</b>	None known.	

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Propan-2-ol		67-63-0	95

Chemical name	CAS number	%
Water	7732-18-5	5

**Composition comments** All concentrations are in percent by volume.

#### 4. First-aid measures

<b>Inhalation</b>	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 centre or doctor/physician if you feel unwell.
<b>Skin contact</b>	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	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.
<b>Ingestion</b>	Not relevant, due to the form of the product. In case of ingestion: Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.
<b>Indication of immediate medical attention and special treatment needed</b>	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.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	May burn with invisible flame. Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground to sources of ignition. Vapours 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.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	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.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Solid containing flammable liquid.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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/vapours. 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.
<b>Methods and materials for containment and cleaning up</b>	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.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

#### 7. Handling and storage

<b>Precautions for safe handling</b>	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/vapours. Avoid contact with skin, eyes and clothing. Avoid prolonged exposure. Wash thoroughly after handling. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
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**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. Keep containers closed when not in use. Store away from incompatible materials (see section 10 of the SDS).

**8. Exposure controls/personal protection****Occupational exposure limits****US. ACGIH Threshold Limit Values (TLV)**

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended**

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	STEL	984 mg/m3
		400 ppm
	TWA	492 mg/m3
		200 ppm

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended**

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

**Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191)**

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	STEL	1230 mg/m3
		500 ppm
	TWA	983 mg/m3
		400 ppm

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended**

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	STEL	1230 mg/m3
		500 ppm
	TWA	985 mg/m3
		400 ppm

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended**

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	15 minute	400 ppm
	8 hour	200 ppm

## Biological limit values

### ACGIH Biological Exposure Indices (BEI)

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

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Not necessary under normal conditions.

##### 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).

###### Other

Wear suitable protective clothing.

##### 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. Selection and use of respiratory protective equipment should be in accordance with CSA Standard Z94.4. Check with respiratory protective equipment suppliers.

##### 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

#### Physical state

Solid.

#### Form

Wipes saturated with liquid.

#### Colour

Colourless.

#### Odour

Alcohol-like.

#### Odour threshold

Property has not been measured.

#### pH

Property has not been measured. (liquid)

#### Melting point/freezing point

Property has not been measured. (liquid)

#### Initial boiling point and boiling range

82 - 89 °C (179.6 - 192.2 °F) (liquid)

#### Flash point

20.5 °C (68.9 °F) (liquid)

#### Evaporation rate

Property has not been measured. (liquid)

#### Flammability (solid, gas)

Wipes will burn if involved in a fire.

#### Upper/lower flammability or explosive limits

##### Explosive limit - lower (%)

2 % (liquid)

##### Explosive limit - upper (%)

12 % (liquid)

#### Vapour pressure

43 hPa (32 mm Hg) (20 °C (68 °F) (liquid))

#### Vapour density

Property has not been measured. (liquid)

#### Relative density

0.872 (20 °C (68 °F) (liquid))

#### Solubility(ies)

##### Solubility (water)

Soluble in water. (liquid)

#### Partition coefficient (n-octanol/water)

Not applicable to mixtures.

<b>Auto-ignition temperature</b>	399 °C (750.2 °F) (liquid)
<b>Decomposition temperature</b>	Property has not been measured.
<b>Viscosity</b>	Property has not been measured. (liquid)
<b>Other information</b>	
<b>Density</b>	129.28 mg/m <sup>3</sup>
<b>Explosive properties</b>	Not explosive.
<b>Kinematic viscosity</b>	Property has not been measured. (liquid)
<b>Oxidising properties</b>	Not oxidising.
<b>Percent volatile</b>	100 % (IPA)

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Aldehydes. Halogenated organics. Halogens. Strong acids. Strong oxidising agents.
<b>Hazardous decomposition products</b>	Combustion may produce: Oxides of carbon and other organic substances.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No inhalation hazard under normal conditions. However: Prolonged inhalation of vapors may be harmful. May cause drowsiness or dizziness. Headache. Nausea, vomiting.
<b>Skin contact</b>	Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	Not relevant, due to the form of the product. However: Direct contact: Causes serious eye irritation.
<b>Ingestion</b>	Not relevant, due to the form of the product.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Direct contact with eyes causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.
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### Information on toxicological effects

<b>Acute toxicity</b>	Not relevant, due to the form of the product in its manufactured and shipped state.
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Components	Species	Test Results
Propan-2-ol (CAS 67-63-0)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	12870 mg/kg
<b>Inhalation</b>		
<i>Vapour</i>		
LC50	Rat	72.6 mg/l, 4 hours
<b>Oral</b>		
LD50	Rat	4710 mg/kg

<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/eye irritation</b>	Not relevant, due to the form of the product. However: Direct contact: Causes serious eye irritation.
<b>Respiratory or skin sensitisation</b>	
<b>Respiratory sensitisation</b>	Not a respiratory sensitiser.
<b>Skin sensitisation</b>	This product is not expected to cause skin sensitisation.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Not classifiable as to carcinogenicity to humans.

## ACGIH Carcinogens

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

A4 Not classifiable as a human carcinogen.

## Canada - Manitoba OELs: carcinogenicity

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

Not classifiable as a human carcinogen.

## IARC Monographs. Overall Evaluation of Carcinogenicity

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

3 Not classifiable as to carcinogenicity to humans.

### Reproductive toxicity

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

### Specific target organ toxicity - single exposure

Not classified. However: In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

### 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)		
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	LC50	Daphnia magna > 10000 mg/l, 24 hours
Fish	LC50	Pimephales promelas 9640 mg/l, 96 hours
<i>Chronic</i>		
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 any ingredients in the mixture.

### 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

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

### TDG

UN number

UN3175

UN proper shipping name

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol)

Transport hazard class(es)

Class

4.1

Subsidiary risk

-

Packing group

II

Environmental hazards

No

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

#### IATA

**UN number** UN3175  
**UN proper shipping name** Solids containing flammable liquid, n.o.s. (Isopropanol)  
**Transport hazard class(es)**  
**Class** 4.1  
**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** UN3175  
**UN proper shipping name** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol)  
**Transport hazard class(es)**  
**Class** 4.1  
**Subsidiary risk** -  
**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 Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

#### Controlled Drugs and Substances Act

Not regulated.

#### Export Control List (CEPA 1999, Schedule 3)

Not listed.

#### Greenhouse Gases

Not listed.

#### Precursor Control Regulations

Not regulated.

#### International regulations

##### Stockholm Convention

Not applicable.

##### Rotterdam Convention

Not applicable.

##### Kyoto Protocol

Not applicable.

##### Montreal Protocol

Not applicable.

##### Basel Convention

Not applicable.

#### 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

Country(s) or region	Inventory name	On inventory (yes/no)*
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

**Issue date** 21-May-2024

**Revision date** -

**Version No.** 01

**Further information** Further contact:  
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**List of abbreviations** EC50: Effective Concentration, 50%.  
LC50: Lethal Concentration, 50%.  
LD50: Lethal Dose, 50%.  
NOEC: No Observed Effect Concentration.

**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.