

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

074089918

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

074089231 074089819 074089835 074089868 074089876 074089892 074089967 074089975 074090825 074090833

074093142

# Material Safety Data Sheet

Product code: ETHUSRMC611024

Revision date: 03-06-2008

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Supplier:**

Ethicon, Inc.  
P.O. Box 151  
Route 22  
Somerville, NC 08876

**Customer service telephone:** 1-877-384-4266 (877-ETHICON)

**Emergency telephone number:** (703) 527-3887 (International - 24 hours) (800) 424-9300 ChemTrec (24 hours)

**Product name:** Tubing Fluid Formula TF-24

**Synonyms:** Tubing Fluid TF24, TF24

**Product code:** ETHUSRMC611024

## 2. HAZARDS IDENTIFICATION

**Emergency overview:** May cause sensitization by skin contact or inhalation of aerosol

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Properties affecting health:** May be harmful by inhalation.

This material is a controlled product under WHMIS.

**Principle routes of exposure:**

**Eye Contact:** Contact with eyes may cause irritation. May cause eye irritation.  
**Skin contact:** May be absorbed through the skin. Repeated exposure may cause skin dryness or cracking.  
**Ingestion:** Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache). May be harmful if swallowed.  
**Inhalation:** May be harmful by inhalation. Inhalation of high vapor concentrations can cause CNS-depression and narcosis.

**Physico-chemical properties:** Flammable.

**Hazard information:**

**Target Organ(s)** Central nervous system respiratory system  
**Reproductive effects:** Unknown on product.  
**Mutagenic effects:** Unknown on product.  
**Sensitization:** Unknown on product.

**Signs and symptoms:** Headache. Nausea. Dizziness. Sleepiness

**Medical conditions aggravated by exposure:** May cause skin dryness or cracking due to repeated exposure.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous Components**

Components	CAS Number	Synonyms	Weight %
Isopropanol	67-63-0		>50

## 4. FIRST AID MEASURES

<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical attention.
<b>Skin contact:</b>	Wash contaminated areas thoroughly with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion:</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. If ingested, seek medical attention immediately and show the label.
<b>Inhalation:</b>	Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
<b>Extinguishing media which must not be used for safety reasons:</b>	None.
<b>Special protective equipment for firefighters:</b>	Wear self-contained breathing apparatus for fire fighting if necessary.
<b>Specific methods:</b>	Water mist may be used to cool closed containers.
<b>Hazardous combustion products:</b>	Carbon dioxide, carbon monoxide, oxides of nitrogen.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Remove all sources of heat, sparks, ignition and open flames. Use suitable protective equipment. Ensure adequate ventilation.
<b>Environmental precautions:</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up:</b>	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Keep away from sources of ignition - No smoking

## 7. HANDLING AND STORAGE

<b>Handling:</b>	
<b>Technical measures/precautions:</b>	Handle and store according to labeled instructions.
<b>Safe handling advice:</b>	Wear appropriate personal protection. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mist. Wear safety glasses and gloves. In case of insufficient ventilation, wear suitable respiratory equipment. Take precautionary measures against static discharges. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded.
<b>Storage:</b>	
<b>Technical measures/storage conditions:</b>	Store according to labeled instructions.
<b>Incompatible products:</b>	Keep away from heat and sources of ignition, Oxidizing agents., strong acids.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	ACGIH (TWA - 8hr)	ACGIH (STEL)	ACGIH (Ceiling)	Skin Absorption	OSHA (TWA - 8hr)	OSHA (Ceiling)	OSHA (STEL)
Isopropanol (>50%) 67-63-0	200 ppm	400 ppm			400 ppm 980 mg/m <sup>3</sup>		

**Engineering controls:** Ensure adequate ventilation.

**Personal protective equipment**

<b>Eye protection:</b>	Wear safety glasses with side-shields. Goggles recommended if potential exists for direct exposure to dust or splashes.
<b>Hand protection:</b>	Neoprene gloves
<b>Skin and body protection</b>	Lab coats are recommended to be worn to minimize the potential for skin exposure.
<b>Respiratory protection:</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
<b>Other/general protection:</b>	None required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Appearance:</b>	Liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Alcoholic

### Important Health Safety and Environmental Information

<b>Flash point:</b>	64 °F 18°C	<b>Boiling point/range:</b>	178 °F 81°C
<b>pH:</b>	10.2 - 11.4	<b>Specific gravity:</b>	0.818 - 0.821 @ 20 °C
<b>Water solubility:</b>	Soluble		

### Other information

<b>Explosivity:</b>	None.
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## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Materials to avoid:</b>	Stay away from strong oxidizing agents. Acid anhydrides. Halogenated compounds.
<b>Conditions to avoid:</b>	Heat, flames and sparks Avoid high temperatures.
<b>Hazardous polymerization:</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

<b>Eye contact</b>	Causes eye irritation.	<b>Method</b>	Based on component data.
<b>Skin contact</b>	May cause mild skin irritation. May be absorbed through the skin in harmful amounts.	<b>Method</b>	Based on component data.
<b>Ingestion</b>	May be harmful if swallowed and enters airways.		
<b>Inhalation</b>	May cause irritation of respiratory tract. May be harmful if inhaled.		

Components	LD50 Oral	LD50 Dermal	LC50 (mg/m <sup>3</sup> ) Inhalation	LC50 (ppm) Inhalation
Isopropanol (>50%) 67-63-0	4396	12800 12870		

### Sub-Chronic/Chronic Toxicity

No repeat dose data available.

### Specific effects

<b>Target Organ(s)</b>	Central nervous system respiratory system
<b>Reproductive effects</b>	Not available.
<b>Developmental effects</b>	Not available.
<b>Carcinogenic effects</b>	Not available.
<b>Genotoxic effects</b>	Not available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Ecotoxicity effects:</b>	No data is available on the product itself. Ecological injuries are not known or expected under normal use.
<b>Aquatic toxicity effects:</b>	No data is available on the product itself. The product is expected to be non-hazardous to aquatic species.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste from residues / unused products:</b>	Waste disposal must be in accordance with appropriate US, Federal, State and International regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.
<b>Contaminated packaging:</b>	Do not re-use empty containers.

**Company:** Johnson & Johnson  
**Product name:** Tubing Fluid Formula TF-24

**Product code:** ETHUSRMC611024  
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### 13. DISPOSAL CONSIDERATIONS

### 14. TRANSPORT INFORMATION

#### DOT

DOT UN-No: UN 1993  
DOT shipping name: Flammable Liquid, n.o.s. (Isopropyl alcohol)  
Hazard class: 3  
Packing group: PG II

#### IATA/CAO

ID/UN No.: UN 1993  
Proper shipping name: Flammable Liquid, n.o.s. (Isopropyl alcohol)  
Hazard class: 3  
Packing group: PG II  
IATA - label: 3 (Flammable Liquid)  
ERG #: 3H

#### IMO/IMDG

UN/Id No.: UN 1993  
Proper shipping name: Flammable Liquid, n.o.s. (Isopropyl alcohol)  
Hazard class: 3  
Packing group: PG II  
EMS No.: F-E , S-E

#### ADR/RID

UN/Id No.: UN 1993  
Proper shipping name: Flammable Liquid, n.o.s. (Isopropyl alcohol)  
Hazard class/packing group: 3,PGII  
ADR/RID-labels: 3

#### TDG (Canada)

UN-No: UN 1993  
Proper Shipping Name: Flammable Liquid, n.o.s. (Isopropyl alcohol)  
Hazard Class: 3  
Packing group: II  
Status: This material is considered as dangerous goods, per Regulations of Transport Canada.

### 15. REGULATORY INFORMATION

Components	SARA 313	SARA 302	CERCLA	CEPA
Isopropanol	Listed	-	-	Listed

#### SARA (311, 312) hazard class

Immediate health: Yes.  
Delayed health: None.  
Fire: Yes  
Sudden Release of Pressure Hazard: None.  
Reactivity: None.

#### State Regulations

Components	CAS Number	NJRTK	PARTK	MARTK	RIRTK
Isopropanol (>50%)	67-63-0	Listed	Listed	Listed	Listed

#### International Inventories

Components	TSCA	DSL	NDSL
Isopropanol (>50%)	X	X	Not Listed

#### WHMIS:

WHMIS trade secret: None.

**WHMIS hazard class:** B2 Flammable Liquids

*(Bad file  
name or  
number)*

**Notes:**

1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensations and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA = Toxic Substance Control Act.
5. WHMIS = Canadian Workplace Hazardous Materials Information System.
6. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

## 16. OTHER INFORMATION

**This data sheet contains changes from the previous version in section(s):**

None.

**MSDS format:**

- North American Format - U.S. and Canada
- This Material Safety Data Sheet was prepared in accordance with ANSI Z400.1-2004.

**Disclaimer:**

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**End of Safety Data Sheet**

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**SECTION 1. IDENTIFICATION**

Substance name : Tubing Fluid Formula TF-24

Substance No. :

**Manufacturer or supplier's details**

Company name of supplier : Ethicon Inc.

Address : PO Box 151 Route 22 West  
Somerville, NJ 08876  
US

Telephone : (877) 384-4266

**Emergency telephone number** : **+32 14 60 24 44**

E-mail address Responsible/issuing person : SDSJanssen@its.jnj.com

**Recommended use of the chemical and restrictions on use**

Recommended use : Tubing Fluid for Gut Suture

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Flammable liquids : Category 2

Eye irritation : Category 2A

Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

**GHS Label element**

Medicinal devices are not subject to GHS labeling.

Hazard pictograms :



Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.



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Precautionary statements : **Prevention:**  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ eye protection/ face protection.  
**Response:**  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  
**Storage:**  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature : Mixture

**Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
propan-2-ol	isopropyl alcohol	>= 50 - < 70

**SECTION 4. FIRST AID MEASURES**

If inhaled : If breathed in, move person into fresh air.  
If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.

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- Wash off with plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses.  
Consult a physician.
- If swallowed : If swallowed, rinse mouth with water (only if the person is conscious).  
Call a physician immediately.
- Most important symptoms and effects, both acute and delayed : Severe eye irritation  
Drowsiness  
Dizziness  
Headache  
Nausea  
Vomiting  
stinging  
tearing  
Redness  
Swelling of tissue  
Blurred vision  
Irritating to nose, throat and respiratory tract
- Notes to physician : Treat symptomatically.  
Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance.

## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Alcohol-resistant foam  
Water mist  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : Water spray jet
- Specific hazards during fire-fighting : Vapours may form explosive mixtures with air.  
Highly flammable  
Heating can release hazardous gases.
- Specific extinguishing methods : Remove undamaged containers from fire area if it is safe to do so.
- Further information : In the event of fire, cool tanks with water spray.  
Prevent fire extinguishing water from contaminating surface water or the ground water system.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : In the event of an accidental release the emergency response team must respond based on a risk assessment and use personal protective equipment as appropriate.  
Do not breathe vapours or spray mist.  
Evacuate personnel to safe areas.  
Ensure adequate ventilation.  
Do not use sparking tools.  
Keep away from open flames, hot surfaces and sources of ignition.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.  
Should not be released into the environment.  
Do not flush into surface water or sanitary sewer system.
- Methods and materials for containment and cleaning up : Large spills: Dam up. Soak up with inert absorbent material.  
Keep in properly labelled containers.  
Small spills: Gently cover the spill with an absorbent towel or pad.  
Large spills + Small spills: Keep in suitable, closed containers for disposal. Treat recovered material as described in the section "Disposal considerations".  
Clean contaminated surface thoroughly.  
After cleaning, flush away traces with water.

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**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : No data available
- Advice on safe handling : To avoid thermal decomposition, do not overheat.  
For personal protection see section 8.  
Keep away from heat and sources of ignition.  
Avoid inhalation, ingestion and contact with skin and eyes.  
Use only with adequate ventilation.  
Do not use sparking tools.  
Do not smoke.  
Use only in an area containing explosion proof equipment.  
Take precautionary measures against static discharges.  
Ensure all equipment is electrically grounded before beginning transfer operations.  
Avoid inhalation of vapour or mist.
- Conditions for safe storage : To maintain product quality, do not store in heat or direct sunlight.  
Store in original container.  
Keep containers tightly closed in a dry, cool and well-ventilated place.  
Keep away from heat and sources of ignition.  
Take measures to prevent the build up of electrostatic charge.

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Keep locked up.  
Keep in an area equipped with sprinklers.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
propan-2-ol	isopropyl alcohol	TWA	200 ppm	ACGIH
		TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m3	NIOSH REL
		ST	500 ppm 1,225 mg/m3	NIOSH REL
		TWA	400 ppm 980 mg/m3	OSHA Z-1
		TWA	400 ppm 980 mg/m3	OSHA P0
		STEL	500 ppm 1,225 mg/m3	OSHA P0

**Engineering measures** : All personal protective equipment should be based on a risk assessment. Consult a Environment Health Safety expert if necessary.

### Personal protective equipment

**Respiratory protection** : Engineering controls should always be the primary method of controlling exposures.  
In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.  
If respiratory protective equipment is needed for certain activities, the type as well as the corresponding protection factor will depend upon the risk assessment and air concentrations, hazards, physical and warning properties of substances present.  
No special precautions required.  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Hand protection**

**Remarks** : Impervious gloves

**Eye protection** : Safety glasses with side-shields  
Ensure that eyewash stations and safety showers are close to the workstation location.

**Skin and body protection** : Wear suitable protective clothing.

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Protective measures	: The type of protective equipment must be selected based on the Environmental Health and Safety risk assessment. Consult a Environmental Health and Safety expert if necessary.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: liquid
Colour	: colourless
Odour	: alcohol-like
Odour Threshold	: No data available
pH	: 10.2 - 11.4
Melting point/range	: No data available
Boiling point/boiling range	: 81.11 °C
Flash point	: 17.8 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: No information available.
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: 0.818 - 0.821 (20 °C)
Density	: No data available
Solubility(ies) Water solubility	: soluble
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available

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Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: None reasonably foreseeable.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: To avoid thermal decomposition, do not overheat. Heat, flames and sparks.
Incompatible materials	: Acids Strong oxidizing agents Cyanides Acid chlorides
Hazardous decomposition products	: None known.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Skin corrosion/irritation****Product:**

Remarks: Non persistent irritation

**Serious eye damage/eye irritation****Product:**

Result: May cause eye irritation.

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

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**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**

No data available

**STOT - single exposure****Product:**

Assessment: May cause drowsiness or dizziness.

**STOT - repeated exposure****Repeated dose toxicity**

No data available

**Aspiration toxicity**

No data available

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## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82  
Protection of Stratospheric Ozone - CAA Section 602 Class I  
Substances  
Remarks: This product neither contains, nor was  
manufactured with a Class I or Class II ODS as defined by the  
U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A +  
B).

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Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
This product has no known ecotoxicological effects.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : In accordance with National, Federal, State and Local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14. TRANSPORT INFORMATION

### International transport regulations

#### DOT

UN number : 1993  
Description of the goods : Flammable liquids, n.o.s.  
(propan-2-ol)  
Class : 3  
Packing group : II  
Labels : 3  
Emergency Response : 128  
Guidebook Number :  
Environmentally hazardous : no

#### IATA

UN number : 1993  
Description of the goods : Flammable liquid, n.o.s.  
(propan-2-ol)  
Class : 3  
Packing group : II  
Labels : 3  
Packing instruction (CAO) : 364  
Packing instruction (PAX and CAO) : 353  
Packing instruction (LQ) : Y341  
Environmentally hazardous : no

#### IMDG

UN number : 1993  
Description of the goods : FLAMMABLE LIQUID, N.O.S.  
(propan-2-ol)  
Class : 3



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Packing group	: II
Labels	: 3
EmS Number 1	: F-E
EmS Number 2	: S-E
Marine pollutant	: no

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Pollution category	:
Ship type	:

**SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know Act**

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

propan-2-ol	isopropyl alcohol	100 %
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**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

**Massachusetts Right To Know**

propan-2-ol	isopropyl alcohol	90 - 100 %
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**Pennsylvania Right To Know**

propan-2-ol	isopropyl alcohol	90 - 100 %
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**New Jersey Right To Know**

propan-2-ol	isopropyl alcohol	90 - 100 %
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**California Prop 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

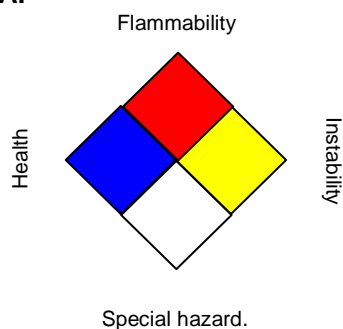
**Other regulations** : Restricted to professional users.

This product is not subject to TSCA and TSCA 12(b) Export notification because Food, Drugs and cosmetic products are exempt.

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



#### HMIS III:

<b>HEALTH</b>	
<b>FLAMMABILITY</b>	
<b>PHYSICAL HAZARD</b>	

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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### Date and Number Formats

This document uses the following notation for printing dates and numbers:

**Date:** Dec 31th, 2012 as 2012/12/31  
**Numbers:** 123456,78 as 123,456.78

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