

**Section 1 - PRODUCT AND COMPANY IDENTIFICATION****Material Name**

Consolidated Thinner Solvent Mix

**Product Use**

Solvent. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

**Restrictions on Use**

None known.

**Manufacturer**

Safety-Kleen Systems, Inc.  
42 Longwater Drive  
Norwell, MA 02061-9149

www.safety-kleen.com

Phone: 1-800-669-5740

Emergency Phone #: 1-800-468-1760

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June 9, 2016

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June 9, 2016

**Section 2 - HAZARDS IDENTIFICATION****Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Flammable Liquids - Category 3

Serious Eye Damage/Eye Irritation - Category 1

Specific Target Organ Toxicity - Single Exposure - Category 3

**GHS Label Elements****Symbol(s)****Signal Word**

Danger

**Hazard Statement(s)**

Flammable liquid and vapor.

Causes serious eye damage.

May cause drowsiness or dizziness.

**Precautionary Statement(s)****Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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 action to prevent static

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discharges. Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid breathing vapor or mist. Use only outdoors or in a well-ventilated area.

## Response

In case of fire: Use carbon dioxide, alcohol-resistant foam, regular dry chemical, water spray or fog. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention, if needed. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediately medical advice/attention. IF ON SKIN (or hair). Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation develops and persists, get medical attention. Wash contaminated clothing before reuse. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

## Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

## Disposal

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

## Other Hazards

Repeated exposure may cause skin dryness or cracking.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
71-23-8	n-Propanol	60-65
109-60-4	n-Propyl acetate	20-25
64-17-5	Ethyl alcohol	1-5
67-64-1	Acetone	1-5
141-78-6	Ethyl acetate	1-5
8030-30-6	LHC/MHC/HHC- low, medium, high boiling hydrocarbons	1-5
1569-01-3	2-Propanol, 1-propoxy-	0.1-1.0
78-93-3	Methyl ethyl ketone	0.1-1.0
1330-20-7	Xylenes (o-, m-, p- isomers)	0.1-1.0

## Section 4 - FIRST AID MEASURES

### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention, if needed.

### Skin

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation develops and persists, get medical attention. Wash contaminated clothing before reuse.

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## Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

## Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

## Most Important Symptoms/Effects

### Acute

Causes serious eye damage. May cause central nervous system depression.

### Delayed

Repeated exposure may cause skin dryness or cracking.

## Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident. Call 1-800-468-1760 for additional information.

## Section 5 - FIRE FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, alcohol-resistant foam, regular dry chemical, water spray or fog.

#### Unsuitable Extinguishing Media

Do not use high-pressure water streams.

### Special Hazards Arising from the Chemical

Highly flammable liquid and vapor. Vapors may form explosive mixtures with air. Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back. Runoff to sewer may cause a fire or explosion hazard. Containers may rupture or explode. Empty product containers may contain product residue.

### Hazardous Combustion Products

Decomposition and combustion materials may be toxic. Burning may produce oxides of carbon, hydrocarbon gases.

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.

Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. ALWAYS stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible withdraw from area and let fire burn.

### Special Protective Equipment and Precautions for Firefighters

A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8. Avoid release to the environment.

### Methods and Materials for Containment and Cleaning Up

Eliminate all ignition sources if safe to do so. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if possible without personal risk. Prevent entry into waterways, sewers, basements, or confined areas. A vapor suppressing foam may be used to reduce vapors. Keep unnecessary people away, isolate hazard area and deny entry. Ventilate the area. Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal. Additionally, for large spills: Water spray may reduce vapor, but may not prevent ignition in closed

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spaces. Dike far ahead of liquid spill for collection and later disposal. There may be specific regulatory reporting requirements associated with spills, leaks, or releases of this product. Also see SECTION 15: REGULATORY INFORMATION.

## Section 7 - HANDLING AND STORAGE

### Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety procedures. Keep away from heat/sparks/open flame/hot surfaces - No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Avoid contact with eyes, skin and clothing.

### Conditions for Safe Storage, Including any Incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous.

### Incompatible Materials

Acids, bases, oxidizing materials, combustible materials, peroxides, halocarbons, reducing agents

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component Exposure Limits

<b>n-Propanol</b>	<b>71-23-8</b>
ACGIH:	100 ppm TWA
NIOSH:	200 ppm TWA ; 500 mg/m <sup>3</sup> TWA; 250 ppm STEL ; 625 mg/m <sup>3</sup> STEL Potential for dermal absorption ; 800 ppm IDLH
OSHA (US):	200 ppm TWA ; 500 mg/m <sup>3</sup> TWA
<b>n-Propyl acetate</b>	<b>109-60-4</b>
ACGIH:	100 ppm TWA; 150 ppm STEL
NIOSH:	200 ppm TWA ; 840 mg/m <sup>3</sup> TWA; 250 ppm STEL ; 1050 mg/m <sup>3</sup> STEL 1700 ppm IDLH
OSHA (US):	200 ppm TWA ; 840 mg/m <sup>3</sup> TWA
<b>Ethyl alcohol</b>	<b>64-17-5</b>
ACGIH:	1000 ppm STEL
NIOSH:	1000 ppm TWA ; 1900 mg/m <sup>3</sup> TWA; 3300 ppm IDLH (10% LEL )
OSHA (US):	1000 ppm TWA ; 1900 mg/m <sup>3</sup> TWA

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<b>Acetone</b>	<b>67-64-1</b>
ACGIH:	250 ppm TWA; 500 ppm STEL
NIOSH:	250 ppm TWA ; 590 mg/m3 TWA; 2500 ppm IDLH (10% LEL )
OSHA (US):	1000 ppm TWA ; 2400 mg/m3 TWA
<b>Ethyl acetate</b>	<b>141-78-6</b>
ACGIH:	400 ppm TWA
NIOSH:	400 ppm TWA ; 1400 mg/m3 TWA; 2000 ppm IDLH (10% LEL )
OSHA (US):	400 ppm TWA ; 1400 mg/m3 TWA
<b>LHC/MHC/HHC-low, medium, high boiling hydrocarbons</b>	<b>8030-30-6</b>
NIOSH:	100 ppm TWA ; 400 mg/m3 TWA; 1000 ppm IDLH (10% LEL )
OSHA (US):	100 ppm TWA ; 400 mg/m3 TWA
<b>Methyl ethyl ketone</b>	<b>78-93-3</b>
ACGIH:	200 ppm TWA; 300 ppm STEL
NIOSH:	200 ppm TWA ; 590 mg/m3 TWA; 300 ppm STEL ; 885 mg/m3 STEL 3000 ppm IDLH
OSHA (US):	200 ppm TWA ; 590 mg/m3 TWA
<b>Xylenes (o-, m-, p-isomers)</b>	<b>1330-20-7</b>
ACGIH:	100 ppm TWA; 150 ppm STEL
OSHA (US):	100 ppm TWA ; 435 mg/m3 TWA

### ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

#### Acetone (67-64-1)

25 mg/l Medium: urine Time: end of shift Parameter: Acetone (nonspecific )

#### Methyl ethyl ketone (78-93-3)

2 mg/l Medium: urine Time: end of shift Parameter: MEK (nonspecific )

#### Xylenes (o-, m-, p-isomers) (1330-20-7)

1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

### Engineering Controls

Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

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## Individual Protection Measures, such as Personal Protective Equipment

### Eye/face protection

Safety glasses with side shields should be worn at a minimum. Additional protection like goggles, face shields, or respirators may be needed dependent upon anticipated use and concentrations of mists or vapors. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Contact lens use is not recommended.

### Skin Protection

Where skin contact is likely, wear chemical impervious gloves. To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, whole body suits, or other protective clothing.

### Respiratory Protection

Use NIOSH-certified P- or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

### Protective Materials

Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: Safety glasses. Gloves. Lab coat or apron.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Colorless liquid.	<b>Physical State</b>	Not available
<b>Odor</b>	Not available	<b>Color</b>	Slight, gray.
<b>Odor Threshold</b>	Not available	<b>pH</b>	6
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	97 °C (n-Propyl alcohol)
<b>Boiling Point Range</b>	Not available	<b>Freezing point</b>	Not available
<b>Evaporation Rate</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition Temperature</b>	Not available	<b>Flash Point</b>	23 °C (n-Propyl alcohol)
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition temperature</b>	Not available
<b>Upper Explosive Limit</b>	Not available	<b>Vapor Pressure</b>	Not available
<b>Vapor Density (air=1)</b>	Not available	<b>Specific Gravity (water=1)</b>	0.838 at 72 °C
<b>Water Solubility</b>	Not available	<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Viscosity</b>	Not available	<b>Kinematic viscosity</b>	Not available
<b>Solubility (Other)</b>	Not available	<b>Density</b>	Not available

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## Section 10 - STABILITY AND REACTIVITY

### Reactivity

No reactivity hazard is expected.

### Chemical Stability

Stable under normal temperatures and pressures.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition

### Incompatible Materials

Acids, bases, oxidizing materials, combustible materials, peroxides, halocarbons, reducing agents

### Hazardous decomposition products

None under normal temperatures and pressures. See also SECTION 5: HAZARDOUS COMBUSTION PRODUCTS.

## Section 11 - TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Inhalation

May cause respiratory irritation.

#### Skin Contact

May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

#### Eye Contact

Causes eye damage.

#### Ingestion

May cause vomiting and nausea, irritation, central nervous system depression,

### Acute and Chronic Toxicity

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

#### **n-Propanol (71-23-8)**

Oral LD50 Rat 1870 mg/kg; Dermal LD50 Rabbit 4049 mg/kg; Inhalation LC50 Rat >13548 ppm 4 h

#### **n-Propyl acetate (109-60-4)**

Oral LD50 Rat 8700 mg/kg; Dermal LD50 Rabbit >17756 mg/kg;

#### **Ethyl alcohol (64-17-5)**

Oral LD50 Rat 7060 mg/kg; Inhalation LC50 Rat 124.7 mg/L 4 h

#### **Acetone (67-64-1)**

Oral LD50 Rat 5800 mg/kg; Dermal LD50 Rabbit >15700 mg/kg; Inhalation LC50 Rat 50100 mg/m<sup>3</sup> 8 h

#### **Ethyl acetate (141-78-6)**

Oral LD50 Rat 5620 mg/kg; Dermal LD50 Rabbit >18000 mg/kg; Inhalation LC50 Rat 4000 ppm 4 h

#### **LHC/MHC/HHC- low, medium, high boiling hydrocarbons (8030-30-6)**

Oral LD50 Rat >5 g/kg; Inhalation LC50 Rat 15000 ppm 4 h

#### **2-Propanol, 1-propoxy- (1569-01-3)**

Oral LD50 Rat 2490 mg/kg; Dermal LD50 Rabbit 3550 mg/kg

#### **Methyl ethyl ketone (78-93-3)**

Oral LD50 Rat 2483 mg/kg; Dermal LD50 Rabbit 5000 mg/kg; Inhalation LC50 Rat 11700 ppm 4 h

#### **Xylenes (o-, m-, p- isomers) (1330-20-7)**

Oral LD50 Rat 3500 mg/kg; Dermal LD50 Rabbit >4350 mg/kg; Inhalation LC50 Rat 29.08 mg/L 4 h

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**Product Toxicity Data**

**Acute Toxicity Estimate**

Dermal	> 2000 mg/kg
Oral	> 2000 mg/kg

**Immediate Effects**

Causes eye damage. May cause central nervous system depression.

**Delayed Effects**

Repeated exposure may cause skin dryness or cracking.

**Irritation/Corrosivity Data**

Causes eye damage.

**Respiratory Sensitization**

No information available for the product.

**Dermal Sensitization**

No information available for the product.

**Component Carcinogenicity**

<b>n-Propanol</b>	<b>71-23-8</b>
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
<b>Ethyl alcohol</b>	<b>64-17-5</b>
ACGIH:	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
IARC:	Monograph 100E [2012] (in alcoholic beverages ); Monograph 96 [2010] (in alcoholic beverages ) (Group 1 (carcinogenic to humans))
DFG:	Category 5 (low carcinogenic potency )
OSHA:	Present
<b>Acetone</b>	<b>67-64-1</b>
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
<b>Xylenes (o-, m-, p-isomers)</b>	<b>1330-20-7</b>
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 71 [1999] ; Monograph 47 [1989] (Group 3 (not classifiable))

**Germ Cell Mutagenicity**

No data available.

**Tumorigenic Data**

No data available

**Reproductive Toxicity**

No data available.

**Specific Target Organ Toxicity - Single Exposure**

Central nervous system,

**Specific Target Organ Toxicity - Repeated Exposure**

No target organs identified.



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**Aspiration hazard**

Not expected to be an aspiration hazard.

**Medical Conditions Aggravated by Exposure**

Individuals with pre-existing respiratory tract (nose, throat, and lungs), central nervous system, kidneys, and eye and/or skin disorders may have increased susceptibility to the effects of exposure.

<b>Section 12 - ECOLOGICAL INFORMATION</b>
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**Component Analysis - Aquatic Toxicity**

<b>n-Propanol</b>	<b>71-23-8</b>
Fish:	LC50 96 h Pimephales promelas 4480 mg/L [flow-through ]
Invertebrate:	EC50 48 h Daphnia magna 3642 mg/L IUCLID ; EC50 48 h Daphnia magna 3339 - 3977 mg/L [Static ] EPA
<b>n-Propyl acetate</b>	<b>109-60-4</b>
Fish:	LC50 96 h Pimephales promelas 56 - 64 mg/L [flow-through ] ; LC50 96 h Pimephales promelas 56 - 64 mg/L [static ]
<b>Ethyl alcohol</b>	<b>64-17-5</b>
Fish:	LC50 96 h Oncorhynchus mykiss 12 - 16 mL/L [static ] ; LC50 96 h Pimephales promelas >100 mg/L [static ] ; LC50 96 h Pimephales promelas 13400 - 15100 mg/L [flow-through ]
Invertebrate:	LC50 48 h Daphnia magna 9268 - 14221 mg/L IUCLID ; EC50 48 h Daphnia magna 2 mg/L [Static ] EPA
<b>Acetone</b>	<b>67-64-1</b>
Fish:	LC50 96 h Oncorhynchus mykiss 4.74 - 6.33 mL/L ; LC50 96 h Pimephales promelas 6210 - 8120 mg/L [static ] ; LC50 96 h Lepomis macrochirus 8300 mg/L
Invertebrate:	EC50 48 h Daphnia magna 10294 - 17704 mg/L [Static ] EPA ; EC50 48 h Daphnia magna 12600 - 12700 mg/L IUCLID
<b>Ethyl acetate</b>	<b>141-78-6</b>
Fish:	LC50 96 h Pimephales promelas 220 - 250 mg/L [flow-through ] ; LC50 96 h Oncorhynchus mykiss 484 mg/L [flow-through ] ; LC50 96 h Oncorhynchus mykiss 352 - 500 mg/L [semi-static ]
Invertebrate:	EC50 48 h Daphnia magna 560 mg/L [Static ] EPA
<b>LHC/MHC/HHC- low, medium, high boiling hydrocarbons</b>	<b>8030-30-6</b>
Fish:	LC50 96 h Lepomis macrochirus 9.2 mg/L [static ]

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Algae:	EC50 72 h Pseudokirchneriella subcapitata 4700 mg/L IUCLID
<b>2-Propanol, 1-propoxy-</b>	<b>1569-01-3</b>
Fish:	LC50 96 h Oncorhynchus mykiss >100 mg/L [static ]
<b>Methyl ethyl ketone</b>	<b>78-93-3</b>
Fish:	LC50 96 h Pimephales promelas 3130 - 3320 mg/L [flow-through ]
Invertebrate:	EC50 48 h Daphnia magna >520 mg/L IUCLID ; EC50 48 h Daphnia magna 5091 mg/L IUCLID ; EC50 48 h Daphnia magna 4025 - 6440 mg/L [Static ] EPA
<b>Xylenes (o-, m-, p-isomers)</b>	<b>1330-20-7</b>
Fish:	LC50 96 h Pimephales promelas 13.4 mg/L [flow-through ] ; LC50 96 h Oncorhynchus mykiss 2.661 - 4.093 mg/L [static ] ; LC50 96 h Oncorhynchus mykiss 13.5 - 17.3 mg/L ; LC50 96 h Lepomis macrochirus 13.1 - 16.5 mg/L [flow-through ] ; LC50 96 h Lepomis macrochirus 19 mg/L ; LC50 96 h Lepomis macrochirus 7.711 - 9.591 mg/L [static ] ; LC50 96 h Pimephales promelas 23.53 - 29.97 mg/L [static ] ; LC50 96 h Cyprinus carpio 780 mg/L [semi-static ] ; LC50 96 h Cyprinus carpio >780 mg/L ; LC50 96 h Poecilia reticulata 30.26 - 40.75 mg/L [static ]
Invertebrate:	EC50 48 h water flea 3.82 mg/L ; LC50 48 h Gammarus lacustris 0.6 mg/L

**Persistence and Degradability**

No information available for the product.

**Bioaccumulative Potential**

No information available for the product.

**Mobility**

No information available for the product.

**Other Toxicity**

No additional information is available.

### Section 13 - DISPOSAL CONSIDERATIONS

**Disposal Methods**

Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. Contact Safety-Kleen regarding proper recycling or disposal.

### Section 14 - TRANSPORT INFORMATION

**US DOT Information:**

**Shipping Name:** FLAMMABLE LIQUIDS, N.O.S. , ( Contains: n-Propyl alcohol, n-Propyl acetate)

**Hazard Class:** 3

**UN/NA #:** UN1993

**Packing Group:** II

**Required Label(s):** 3

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## IATA Information:

**Shipping Name:** FLAMMABLE LIQUID, N.O.S., (Contains: n-Propyl alcohol, n-Propyl acetate)

**Hazard Class:** 3

**UN#:** UN1993

**Packing Group:** II

**Required Label(s):** 3

## IMDG Information:

**Shipping Name:** FLAMMABLE LIQUID, N.O.S., (Contains: n-Propyl alcohol, n-Propyl acetate)

**Hazard Class:** 3

**UN#:** UN1993

**Packing Group:** II

**Required Label(s):** 3

## TDG Information:

**Shipping Name:** FLAMMABLE LIQUID, N.O.S., Contains: n-Propyl alcohol, n-Propyle acetate)

**Hazard Class:** 3

**UN#:** UN1993

**Packing Group:** II

**Required Label(s):** 3

## International Bulk Chemical Code

This material contains one or more of the following chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

<b>n-Propanol</b>	<b>71-23-8</b>
IBC Code:	Category Y
<b>n-Propyl acetate</b>	<b>109-60-4</b>
IBC Code:	Category Y
<b>Ethyl acetate</b>	<b>141-78-6</b>
IBC Code:	Category Z
<b>LHC/MHC/HHC- low, medium, high boiling hydrocarbons</b>	<b>8030-30-6</b>
IBC Code:	Category Y
<b>Methyl ethyl ketone</b>	<b>78-93-3</b>
IBC Code:	Category Z
<b>Xylenes (o-, m-, p- isomers)</b>	<b>1330-20-7</b>
IBC Code:	Category Y

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**Section 15 - REGULATORY INFORMATION**

**U.S. Federal Regulations**

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

<b>Acetone</b>	<b>67-64-1</b>
CERCLA:	5000 lb final RQ ; 2270 kg final RQ
<b>Ethyl acetate</b>	<b>141-78-6</b>
CERCLA:	5000 lb final RQ ; 2270 kg final RQ
<b>Methyl ethyl ketone</b>	<b>78-93-3</b>
CERCLA:	5000 lb final RQ ; 2270 kg final RQ
<b>Xylenes (o-, m-, p- isomers)</b>	<b>1330-20-7</b>
SARA 313:	1 % de minimis concentration
CERCLA:	100 lb final RQ ; 45.4 kg final RQ

Chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

CAS-No.	Name	Percent by Weight
1330-20-7	Xylenes (o-, m-, p- isomers)	0.1-100

**SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories**

Flammable; Serious Eye Damage/Eye Irritation; Specific Target Organ Toxicity

**U.S. State Regulations**

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
<b>n-Propanol</b>	<b>71-23-8</b>	Yes	Yes	Yes	Yes	Yes
<b>n-Propyl acetate</b>	<b>109-60-4</b>	Yes	Yes	Yes	Yes	Yes
<b>Ethyl alcohol</b>	<b>64-17-5</b>	Yes	Yes	Yes	Yes	Yes
<b>Acetone</b>	<b>67-64-1</b>	Yes	Yes	Yes	Yes	Yes
<b>Ethyl acetate</b>	<b>141-78-6</b>	Yes	Yes	Yes	Yes	Yes
<b>LHC/MHC/HHC- low, medium, high boiling hydrocarbons</b>	<b>8030-30-6</b>	Yes	Yes	Yes	Yes	Yes
<b>Methyl ethyl ketone</b>	<b>78-93-3</b>	Yes	Yes	Yes	Yes	Yes
<b>Xylenes (o-, m-, p- isomers)</b>	<b>1330-20-7</b>	Yes	Yes	Yes	Yes	Yes

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**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)**

WARNING! This product can expose you to chemicals including Ethyl alcohol , which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

<b>Ethyl alcohol</b>	<b>64-17-5</b>
Carc:	carcinogen , 4/29/2011 (in alcoholic beverages )
Repro/Dev. Tox	developmental toxicity , 10/1/1987 (in alcoholic beverages )

**Component Analysis - Inventory**

**n-Propanol (71-23-8)**

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA			MX	NZ	PH	TH-TECI	TW	VN (Draft)
No			Yes	Yes	Yes	Yes	Yes	Yes

**n-Propyl acetate (109-60-4)**

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA			MX	NZ	PH	TH-TECI	TW	VN (Draft)
No			Yes	Yes	Yes	Yes	Yes	Yes

**Ethyl alcohol (64-17-5)**

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA			MX	NZ	PH	TH-TECI	TW	VN (Draft)
No			Yes	Yes	Yes	Yes	Yes	Yes

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### Acetone (67-64-1)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA			MX	NZ	PH	TH-TECI	TW	VN (Draft)
No			Yes	Yes	Yes	Yes	Yes	Yes

### Ethyl acetate (141-78-6)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA			MX	NZ	PH	TH-TECI	TW	VN (Draft)
Yes			Yes	Yes	Yes	Yes	Yes	Yes

### LHC/MHC/HHC- low, medium, high boiling hydrocarbons (8030-30-6)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	No	Yes	Yes	No
KR - REACH CCA			MX	NZ	PH	TH-TECI	TW	VN (Draft)
No			Yes	Yes	Yes	Yes	Yes	Yes

### 2-Propanol, 1-propoxy- (1569-01-3)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA			MX	NZ	PH	TH-TECI	TW	VN (Draft)
No			Yes	Yes	Yes	Yes	Yes	Yes

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### Methyl ethyl ketone (78-93-3)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA			MX	NZ	PH	TH-TECI	TW	VN (Draft)
Yes			Yes	Yes	Yes	Yes	Yes	Yes

### Xylenes (o-, m-, p- isomers) (1330-20-7)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA			MX	NZ	PH	TH-TECI	TW	VN (Draft)
Yes			Yes	Yes	Yes	Yes	Yes	Yes

## Section 16 - OTHER INFORMATION

#### NFPA Ratings

Health: 2 Fire: 3 Instability: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### Summary of Changes

2022-01: Addition to Section 15.

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL), KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK -

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Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX – Mexico; Ne - Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL – Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL- Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA – Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW – Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

### **Other Information**

#### **Disclaimer:**

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