



Material Safety Data Sheet

Material Name: IMMERSION CLEANER AND COLD PARTS CLEANER

ID: 82411

*** Section 1 - Chemical Product and Company Identification ***

Product Code: 50, 699, 6861, 9699

Product Use: For cleaning carburetors and metal parts. If this product is used in combination with other products, refer to the Material Safety Data Sheet for those products.

Synonyms: None.

Safety-Kleen Systems, Inc.
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Suite 400
Richardson, TX 75080

Phone: 1-800-669-5740

Emergency # 1-800-468-1760
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PREPARED BY: Product MSDS Coordinator APPROVED BY: MSDS Task Force

*** Section 2 - Hazardous Identification ***

EMERGENCY OVERVIEW

Appearance

Clear, brown liquid

Signal Word

WARNING!

Physical Hazards

Combustible liquid and vapor.

Health Hazards

May be harmful if inhaled.

May burn eyes.

May burn skin.

May be harmful if absorbed through skin.

Harmful or fatal if swallowed.

May irritate the respiratory tract (nose, throat, and lungs).

Contains material which may cause cancer.

Contains material which may cause central nervous system, liver, kidney, lung, blood cell, eye, and skin damage.

POTENTIAL HEALTH EFFECTS

Inhalation (Breathing)

High concentrations of vapor or mist may be harmful if inhaled. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs). High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects. Massive acute overexposure may cause rapid central nervous system depression, sudden collapse, coma, and/or death.

Eyes

This product is severely irritating to the eyes and may cause eye burns.

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Skin

May cause irritation, swelling, blistering, and/or burns. Dipropylene glycol monomethyl ether and naphthalene may be absorbed through the skin and cause harm as noted under **INHALATION (BREATHING)**.

Ingestion (Swallowing)

This product may be harmful or fatal if swallowed. May cause throat irritation, nausea, vomiting, and central nervous system effects as noted under **INHALATION (BREATHING)**, and/or heart injury. Monoethanolamine may burn mouth, throat, esophagus, and stomach. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

Medical Conditions Aggravated by Exposure

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

Chronic

Prolonged or repeated inhalation of monoethanolamine may cause inflammation and sores in the mouth; and bronchial and/or gastrointestinal disturbances. Prolonged or repeated inhalation of naphthalene may cause cataracts and/or corneal inflammation and sores. Prolonged or repeated exposure may have reproductive toxicity, teratogenic, or mutagenic effects. Prolonged or repeated inhalation may cause toxic effects as noted under **INHALATION (BREATHING)**. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis); and/or burns. Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis); and/or burns. Prolonged or repeated exposure may cause central nervous system, liver, kidney, lung, blood cell, eye, and skin damage.

Cancer Information

This product contains naphthalene which can cause cancer. Risk of cancer depends on duration and level of exposure. For more information, see **SECTION 11: CARCINOGENICITY**.

Also see **SECTION 15: CALIFORNIA**.

Environmental Hazards

Based upon components, product may be toxic to fish.; Based upon components, product may be toxic to fish. See **SECTION 12: ECOLOGICAL INFORMATION**.

*** Section 3 - Composition / Information on Ingredients ***

CAS	Component	Percent
64742-94-5	Solvent naphtha (petroleum), heavy arom.	30-60
872-50-4	1-Methyl-2-pyrrolidone	10-30
34590-94-8	Dipropylene glycol monomethyl ether	7-13
112-80-1	Oleic acid	5-10
141-43-5	Ethanolamine	3-7
91-20-3	Naphthalene	3-6

*** Section 4 - First Aid Measures ***

Inhalation (Breathing)

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

Eyes

If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get immediate medical attention.

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For skin contact, wash immediately with soap and water. Immediately remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Call a physician immediately.

Ingestion (Swallowing)

Do NOT induce vomiting. Immediately get medical attention. Call 1-800-468-1760 for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything by mouth to an unconscious person.

Notes to Physicians

Treat symptomatically and supportively. Increased sensitivity of the heart to Adrenaline (epinephrine) may be caused by overexposure to product. Administration of gastric lavage, if warranted, should be performed by qualified medical personnel. Treatment may vary with condition of victim and specifics of incident. Call 1-800-468-1760 for additional information.

* * * Section 5 - Fire Fighting Measures * * *

Hazardous Combustion Products

Decomposition and combustion materials may be toxic. Burning may produce nitrogen oxides, acid halides, carbon monoxide and unidentified organic compounds.

Conditions of Flammability

Heat, sparks, or flame.

Extinguishing Media

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

Protective Equipment For Firefighting

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

Fire Fighting Equipment/Instructions

Keep storage containers cool with water spray.

NFPA Ratings: Health: 2 Fire: 2 Reactivity: 0

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

Fire and Explosion Hazards

Vapor explosion hazard indoors, outdoors, or in sewers. Vapor may travel to ignition source and flashback. Vapors will spread along the ground and collect in low or confined areas. Run-off to sewer may create a fire hazard. Heated containers may rupture. "Empty" containers may retain residue and can be dangerous. Products are not sensitive to mechanical impact. Product may be sensitive to static discharge, which could result in fire or explosion.

* * * Section 6 - Accidental Release Measures * * *

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. A vapor suppressing foam may be used to reduce vapors. 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 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**.

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*** Section 7 - Handling and Storage ***

Handling Procedures

Keep away from heat, sparks, or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean, sparkproof tools and explosion-proof equipment. When transferring product, metal containers, including trucks and tank cars, should be grounded and bonded. Do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Do not smoke when using this product.

Shipping and Storing

Keep container tightly closed when not in use and during transport. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous. See **SECTION 14: TRANSPORTATION INFORMATION** for Packing Group information.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

Component Exposure Limits

Dipropylene glycol monomethyl ether (34590-94-8)

ACGIH: 100 ppm TWA
150 ppm STEL
Skin - potential significant contribution to overall exposure by the cutaneous route

OSHA Final: 100 ppm TWA; 600 mg/m³ TWA
prevent or reduce skin absorption

OSHA Vacated: 100 ppm TWA; 600 mg/m³ TWA
150 ppm STEL; 900 mg/m³ STEL
Prevent or reduce skin absorption

NIOSH: 100 ppm TWA; 600 mg/m³ TWA
150 ppm STEL; 900 mg/m³ STEL
Potential for dermal absorption

Ethanolamine (141-43-5)

ACGIH: 3 ppm TWA
6 ppm STEL

OSHA Final: 3 ppm TWA; 6 mg/m³ TWA

OSHA Vacated: 3 ppm TWA; 8 mg/m³ TWA
6 ppm STEL; 15 mg/m³ STEL

NIOSH: 3 ppm TWA; 8 mg/m³ TWA
6 ppm STEL; 15 mg/m³ STEL

Naphthalene (91-20-3)

ACGIH: 10 ppm TWA
15 ppm STEL
Skin - potential significant contribution to overall exposure by the cutaneous route

OSHA Final: 10 ppm TWA; 50 mg/m³ TWA

OSHA Vacated: 10 ppm TWA; 50 mg/m³ TWA
15 ppm STEL; 75 mg/m³ STEL

NIOSH: 10 ppm TWA; 50 mg/m³ TWA
15 ppm STEL; 75 mg/m³ STEL

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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Personal Protective Equipment: Respiratory

Use NIOSH-certified, full-faced, air-purifying respiratory protective equipment with organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. 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.

Personal Protective Equipment: Eyes/Face

Where eye contact is likely, wear chemical goggles; contact lens use is not recommended.

Personal Protective Equipment: Skin

Where skin contact is likely, chemical impervious protective gloves; use of natural rubber (latex) or equivalent gloves is not recommended.

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.

Personal Protective Equipment: Personal Hygiene

Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

Discard leather articles, such as shoes, saturated with this product.

Other Personal Protective Equipment

Where spills and splashes are likely, facilities storing or using this product should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

* * * Section 9 - Physical & Chemical Properties * * *

Appearance/Odor :	Liquid, clear and brown.	pH:	11
Boiling Point:	340°F (171°C) (initial)	Melting Point:	< 10°F (-12°C)
Solubility (H2O):	Complete.	Specific Gravity:	0.95 (water = 1)
Density:	7.9 LB/US gal (950 g/l)	Octanol/H2O Coeff.:	Not available.
Evaporation Rate:	1 (butyl acetate = 1)	Molecular Weight:	Not available.
Odor Threshold:	Not available.	Auto Ignition:	829°F (443°C) (approximately)
LFL:	0.8 VOL% (approximately)	Flash Point:	>140°F (60°C) Tag Closed Cup
UFL:	7 VOL% (approximately)	Viscosity:	Not available
Vapor Pressure:	<0.4 mmHg at 68°F (20°C)		

* * * Section 10 - Chemical Stability & Reactivity Information * * *

Stability

Stable under normal temperatures and pressures.

Incompatibility

Avoid acids, alkalis, oxidizing agents, reactive halogens, or reactive metals., Oleic acid can react with perchlorates or perchloric acid to form explosive products.

Reactivity

Polymerization is not known to occur under normal temperature and pressures. Not reactive with water.

Hazardous Decomposition Products

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

Conditions To Avoid

Avoid heat, sparks, or flame and contact with incompatible materials.

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*** Section 11 - Toxicological Information ***

Toxicity Data

Component Analysis - LD50/LC50

Solvent naphtha (petroleum), heavy arom. (64742-94-5)

Inhalation LC50 Rat >590 mg/m³ 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

1-Methyl-2-pyrrolidone (872-50-4)

Inhalation LC50 Rat 3.1 mg/L 4 h; Oral LD50 Rat 3598 mg/kg; Dermal LD50 Rat 2500 mg/kg; Dermal LD50 Rabbit >5000 mg/kg

Dipropylene glycol monomethyl ether (34590-94-8)

Oral LD50 Rat 5230 mg/kg; Dermal LD50 Rabbit 9500 mg/kg

Oleic acid (112-80-1)

Oral LD50 Rat 25 g/kg

Ethanolamine (141-43-5)

Oral LD50 Rat 1720 mg/kg; Dermal LD50 Rabbit 1 mL/kg; Dermal LD50 Rabbit 1025 mg/kg

Naphthalene (91-20-3)

Inhalation LC50 Rat >340 mg/m³ 1 h; Oral LD50 Rat 490 mg/kg; Dermal LD50 Rat >2500 mg/kg; Dermal LD50 Rabbit >20 g/kg

Acute Effects

May cause severe irritation or burns to the eyes and skin. Components may be absorbed through the skin in harmful amounts. Monoethanolamine may burn mouth, throat, esophagus, and stomach. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs). High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects.

Repeated Dose Effects

Monoethanolamine has demonstrated human effects of mutagenicity. Naphthalene has demonstrated animal effects of mutagenicity. N-Methyl-2-pyrrolidinone and oleic acid have demonstrated experimental effects of mutagenicity. Based on best current information, the other components listed in **SECTION 2** are not mutagens.

Monoethanolamine and naphthalene have demonstrated animal effects of teratogenicity. Based on best current information, the other components listed in **SECTION 2** are not teratogens.

Monoethanolamine and N-Methyl-2-pyrrolidinone have demonstrated experimental effects of reproductive toxicity. Based on best current information, the other components listed in **SECTION 2** are not reproductive toxicants. Also see **SECTION 15: CALIFORNIA**.

Based on best current information, there are no known toxicologically synergistic products associated with this product.

Component Carcinogenicity

Naphthalene (91-20-3)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

OSHA: Present (select carcinogen)

NTP: Reasonably Anticipated To Be A Human Carcinogen (Suspect Carcinogen)

IARC: Monograph 82 [2002] (Group 2B (possibly carcinogenic to humans))

Target Organ Effects

Prolonged or repeated inhalation of monoethanolamine may cause inflammation and sores in the mouth; and bronchial and/or gastrointestinal disturbances. Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis); and/or burns. Prolonged or repeated exposure may cause central nervous system, liver, kidney, lung, blood cell, eye, and skin damage.

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* * * Section 12 - Ecological Information * * *

Ecotoxicity

Based upon components, this product may be toxic to aquatic life.

Component Analysis - Ecotoxicity - Aquatic Toxicity

Solvent naphtha (petroleum), heavy arom. (64742-94-5)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Pimephales promelas	19 mg/L [static]	
96 Hr LC50 Oncorhynchus mykiss	2.34 mg/L	
96 Hr LC50 Lepomis macrochirus	1740 mg/L [static]	
96 Hr LC50 Pimephales promelas	45 mg/L [flow-through]	
96 Hr LC50 Pimephales promelas	41 mg/L	
72 Hr EC50 Skeletonema costatum	2.5 mg/L	

1-Methyl-2-pyrrolidone (872-50-4)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Lepomis macrochirus	832 mg/L [static]	
96 Hr LC50 Leuciscus idus	4000 mg/L [static]	
96 Hr LC50 Pimephales promelas	1072 mg/L [static]	
96 Hr LC50 Poecilia reticulata	1400 mg/L [static]	
72 Hr EC50 Desmodemus subspicatus	>500 mg/L	

Dipropylene glycol monomethyl ether (34590-94-8)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Pimephales promelas	>10000 mg/L [static]	

Oleic acid (112-80-1)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Pimephales promelas	205 mg/L [static]	

Ethanolamine (141-43-5)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Pimephales promelas	227 mg/L [flow-through]	
96 Hr LC50 Brachydanio rerio	3684 mg/L [static]	
96 Hr LC50 Lepomis macrochirus	300-1000 mg/L [static]	
96 Hr LC50 Oncorhynchus mykiss	114-196 mg/L [static]	
96 Hr LC50 Oncorhynchus mykiss	>200 mg/L [flow-through]	
72 Hr EC50 Desmodemus subspicatus	15 mg/L	

Naphthalene (91-20-3)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Pimephales promelas	5.74-6.44 mg/L [flow-through]	
96 Hr LC50 Oncorhynchus mykiss	1.6 mg/L [flow-through]	
96 Hr LC50 Oncorhynchus mykiss	0.91-2.82 mg/L [static]	
96 Hr LC50 Pimephales promelas	1.99 mg/L [static]	
96 Hr LC50 Lepomis macrochirus	31.0265 mg/L [static]	
72 Hr EC50 Skeletonema costatum	0.4 mg/L	

Persistence/Degradability

No information available for the product.

Bioaccumulation/Accumulation

No information available for the product.

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Mobility in Environmental Media

No information available for the product.

Other Adverse Effects

No information available for the product.

*** Section 13 - Disposal Considerations ***

Disposal Instructions

Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding proper recycling or disposal.

US EPA Waste Number & Descriptions

This product, if discarded, is not expected to be a characteristic or listed hazardous waste. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

*** Section 14 - Transportation Information ***

Emergency Response Guide Number

153 Reference *North American Emergency Response Guidebook*

DOT Shipping Name: Compounds, cleaning liquid (Contains: Ethanolamine)

UN/NA #: NA1760 **Hazard Class:** 8 **Packing Group:** III

Required Label(s): CORROSIVE

TDG Shipping Name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (monoethanolamine)

UN/NA #: UN3267 **Hazard Class:** 8 **Packing Group:** III

Required Label(s): CORROSIVE

IATA Information

No Classification Assigned.

IMDG Information

No Classification Assigned.

*** Section 15 - Regulatory Information ***

VOC (As Regulated)

100 WT%; 7.9 LB/US gal; 950 g/l

As per U.S EPA 40 CFR 51.100(s)

VOC VP <0.4mmHg @ 20°C

CONTAINS: Photochemical Reactive solvent 60% by volume

SARA Sections 311/312

This product poses the following health hazard(s) as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate (Acute) Health Hazard

Delayed (Chronic) Health Hazard

Fire Hazard

SARA 302/304

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA Section 313

The following components are subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

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Component Analysis

This product does contain a "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

1-Methyl-2-pyrrolidone (872-50-4)

1.0 % de minimis concentration

Naphthalene (91-20-3)

0.1 % de minimis concentration

CERCLA

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product contains the following "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4 with the following reportable quantities (RQ):

Naphthalene (91-20-3)

100 lb final RQ; 45.4 kg final RQ

TSCA

All the components of this product are listed on, or are automatically included as "naturally occurring chemical substances" on, or are exempted from the requirement to be listed on, the TSCA Inventory.

Component Analysis

Component	CAS #	TSCA
Solvent naphtha (petroleum), heavy arom.	64742-94-5	Yes
1-Methyl-2-pyrrolidone	872-50-4	Yes
Dipropylene glycol monomethyl ether	34590-94-8	Yes
Oleic acid	112-80-1	Yes
Ethanolamine	141-43-5	Yes
Naphthalene	91-20-3	Yes

State Regulations

This product contains:

Naphthalene CAS 91-20-3

This product may contain detectable amounts of:

Component	CAS #
Arsenic	7440-38-2
Benzene	71-32-2
Cadmium	7440-43-9
Chromium	7440-47-3
Lead	7439-92-1
Methylene Chloride	75-09-2
Perchloroethylene	127-18-4
Trichloroethylene	79-01-6
Para-dicholorbenzene	106-46-7
Beryllium	7440-41-7

WARNING: These chemicals are known to the State of California to cause cancer.

This product contains:

N-Methyl-2-pyrrolidone CAS 872-50-4.

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This product may contain detectable amounts of:

Component	CAS #
Arsenic	7440-38-2
Benzene	71-32-2
Cadmium	7440-43-9
Mercury	7439-97-6
Lead	7439-92-1
Toluene	108-88-3

WARNING: These chemicals are known to the State of California to cause birth defects or other reproductive harm.

U.S. State Regulations

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

Component	CAS	MA	MN	NJ	PA	CA
1-Methyl-2-pyrrolidone	872-50-4	No	Yes	No	Yes	Yes
Dipropylene glycol monomethyl ether	34590-94-8	Yes	Yes	Yes	Yes	Yes
Oleic acid	112-80-1	No	No	No	No	Yes
Ethanolamine	141-43-5	Yes	Yes	Yes	Yes	Yes
Naphthalene	91-20-3	Yes	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

Canadian Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

Component Analysis

Component	CAS #	CAN
Solvent naphtha (petroleum), heavy arom.	64742-94-5	DSL
1-Methyl-2-pyrrolidone	872-50-4	DSL
Dipropylene glycol monomethyl ether	34590-94-8	DSL
Oleic acid	112-80-1	DSL
Ethanolamine	141-43-5	DSL
Naphthalene	91-20-3	DSL

Canadian WHMIS Information

Class B3 - Combustible Liquid Class D2A - Chronic toxic effects. Class E - Corrosive

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Dipropylene glycol monomethyl ether (34590-94-8)	1 %
Oleic acid (112-80-1)	1 %
Ethanolamine (141-43-5)	1 %
Naphthalene (91-20-3)	1 %

Canadian Environmental Protection Act (CEPA)

All the components of this product are listed on, or are automatically included as "substance occurring in nature" on, or are exempted from the requirements to be listed on, the Canadian Domestic Substances List (DSL).

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* * * Section 16 - Other Information * * *
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Label/Other Information

Not available.

Revision Information

Regulatory Update. Regulatory update, updated to ANSI Z400.1-2004 format. This MSDS has been revised in the following sections: Section 1 (Dates), Section 2 (Composition updated), Section 3 (switched to Emergency Overview), Section 4 (Phone Numbers), Section 5 (Fire Fields), Section 8 (Exposure Limits added), Section 11 (Toxicology fields updated), Section 12 (Ecotoxicity , fields updated), Section 16 (Revision Information).

Disclaimer

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or the product to which the information refers. The data contained on this sheet apply to the product as supplier to the user.

End of Sheet 82411