



## Safety Data Sheet

Material Name: SAFETY-KLEEN MINERAL SPIRITS LITES

SDS ID: 820083

### \*\*\* Section 1 - Identification \*\*\*

**Product Identifier**

SAFETY-KLEEN MINERAL SPIRITS LITES

**Product Code**

80777

**Synonyms**

None

**Recommended Use**

Various

**Restrictions on Use**

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

**Manufacturer Information**

Safety-Kleen Systems, Inc.  
42 Longwater Drive  
Norwell, MA 02061-9149  
www.safety-kleen.com

Phone: 1-800-669-5740

Emergency # 1-800-468-1760

**Issue Date**

October 14, 2019

**Supersedes Issue Date**

August 15, 2018

**Original Issue Date**

September 2, 2010

### \*\*\* Section 2 - Hazard(s) Identification \*\*\*

**Classification in Accordance with 29 CFR 1910.1200.**

Flammable Liquids, Category 3

Acute Toxicity (Inhalation), Category 3

Skin Corrosion / Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 1

Aspiration Hazard, Category 1

Germ Cell Mutagenicity, Category 1B

Carcinogenicity, Category 1A

Specific Target Organ Toxicity - Single Exposure, Category 2 (liver, kidneys, lungs, central nervous system, and brain)

Specific Target Organ Toxicity - Repeated Exposure, Category 1 (central nervous system)

**GHS LABEL ELEMENTS****Symbol(s)****Signal Word**

DANGER!

**Hazard Statement(s)**

Flammable liquid and vapor

Toxic if inhaled

Causes skin irritation

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Causes serious eye damage  
May be fatal if swallowed and enters airways  
May cause genetic defects  
May cause cancer  
May cause damage to liver, kidneys, lungs, central nervous system, and brain.  
Causes damage to central nervous system through prolonged or repeated exposure.

## Precautionary Statement(s)

### Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flame, and hot surfaces - 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 precautionary measures against static discharge. Do not breathe gas, fumes, vapor, or spray. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

### Response

In case of fire, carbon dioxide, regular foam, dry chemical, water spray, or water fog. IF exposed or concerned: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician. Specific treatment may be needed, see first aid section of Safety Data Sheet. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

### Storage

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

### Disposal

Dispose in accordance with all applicable regulations.

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

| CAS        | Component                                     | Percent |
|------------|---|---------|
| 64742-88-7 | Solvent naphtha (petroleum), medium aliphatic | 65-100  |
| 127-18-4   | Tetrachloroethylene                           | 0-10    |
| 110-43-0   | Methyl n-amyl ketone                          | 0-10    |
| 108-88-3   | Toluene                                       | 0-6     |
| 1330-20-7  | Xylenes (o-, m-, p- isomers)                  | 0-6     |
| 71-36-3    | n-Butyl alcohol                               | 0-5     |
| 108-21-4   | Isopropyl acetate                             | 0-3     |
| 79-01-6    | Trichloroethene                               | 0-5     |

## \*\*\* Section 4 - First Aid Measures \*\*\*

### Description of Necessary Measures

#### Inhalation

IF INHALED: 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.

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## Skin

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

## Eyes

IF IN 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 medical attention.

## Ingestion

IF SWALLOWED: 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.

## Most Important Symptoms/Effects

### Acute

Causes damage to central nervous system, skin irritation, eye damage, lung damage (from aspiration), liver damage, kidney damage, brain damage.

### Delayed

Causes damage to central nervous system, cancer, mutagenic effects

## Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

For inhalation, consider oxygen. Increased sensitivity of the heart to Adrenaline (epinephrine) may be caused by overexposure to product. 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 \*\*\*

### Suitable Extinguishing Media

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

### Unsuitable Extinguishing Media

Do not use high-pressure water streams.

### Specific Hazards Arising from the Chemical

Flammable liquid and vapor. Vapors or gases may ignite at distant ignition sources and flash back. Most vapors are heavier than air and will spread along ground and collect in low or confined areas (drains, basements, tanks). "Empty" containers may retain residue and can be dangerous. Product may be sensitive to static discharge, which could result in fire or explosion.

### Hazardous Combustion Products

Decomposition and combustion materials may be toxic., Burning may produce oxides of carbon, phosgene, halogenated compounds, hydrogen chloride gas, and unidentified organic compounds.

### 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.

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Containers may rupture or explode. Keep storage containers cool with water spray. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Avoid inhalation of material or combustion by-products.

## \*\*\* 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.

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## Methods and Materials for Containment and Clean Up

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. 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.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Precautions for Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, or flame. Do not evaporate to dryness or distill, an explosion may occur. 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. Keep container tightly closed. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

### Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed when not in use and during transport. Store containers in a cool, well-ventilated, dry place. 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. Store locked up.

### Incompatibilities

Acids, bases, oxidizing materials, metals, combustible materials, reducing agents, halogens, metal salts, amines.

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

### Component Exposure Limits

|  |  |
|--|--|
| <b>Solvent naphtha (petroleum), medium aliphatic</b> | <b>64742-88-7</b>  |
| ACGIH:   | 100 ppm TWA (related to Stoddard solvent)  |
| NIOSH:   | 350 mg/m <sup>3</sup> TWA (related to Stoddard solvent); 1800 mg/m <sup>3</sup> Ceiling 15 min (related to Stoddard solvent); 20000 mg/m <sup>3</sup> IDLH (related to Stoddard solvent) |
| OSHA (US):   | 500 ppm TWA ; 2900 mg/m <sup>3</sup> TWA (related to Stoddard solvent)   |
| <b>Tetrachloroethylene</b>                           | <b>127-18-4</b>  |
| ACGIH:   | 25 ppm TWA; 100 ppm STEL   |
| NIOSH:   | 150 ppm IDLH   |
| OSHA (US):   | 100 ppm TWA; 200 ppm Ceiling   |

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|                                     |   |
|-------------------------------------|---|
| <b>Methyl n-amyl ketone</b>         | <b>110-43-0</b>   |
| ACGIH:                              | 50 ppm TWA  |
| NIOSH:                              | 100 ppm TWA ; 465 mg/m3 TWA; 800 ppm IDLH   |
| OSHA (US):                          | 100 ppm TWA ; 465 mg/m3 TWA   |
| <b>Toluene</b>                      | <b>108-88-3</b>   |
| ACGIH:                              | 20 ppm TWA  |
| NIOSH:                              | 100 ppm TWA ; 375 mg/m3 TWA; 150 ppm STEL ; 560 mg/m3 STEL; 500 ppm IDLH                      |
| OSHA (US):                          | 200 ppm TWA; 300 ppm Ceiling  |
| <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   |
| Mexico:                             | 100 ppm TWA VLE-PPT ; 435 mg/m3 TWA VLE-PPT; 150 ppm STEL [PPT-CT ]; 655 mg/m3 STEL [PPT-CT ] |
| <b>n-Butyl alcohol</b>              | <b>71-36-3</b>  |
| ACGIH:                              | 20 ppm TWA  |
| NIOSH:                              | 50 ppm Ceiling ; 150 mg/m3 Ceiling; Potential for dermal absorption; 1400 ppm IDLH (10% LEL ) |
| OSHA (US):                          | 100 ppm TWA ; 300 mg/m3 TWA   |
| <b>Isopropyl acetate</b>            | <b>108-21-4</b>   |
| ACGIH:                              | 100 ppm TWA; 150 ppm STEL   |
| NIOSH:                              | 1800 ppm IDLH   |
| OSHA (US):                          | 250 ppm TWA ; 950 mg/m3 TWA   |
| <b>Trichloroethene</b>              | <b>79-01-6</b>  |
| ACGIH:                              | 10 ppm TWA; 25 ppm STEL   |
| NIOSH:                              | SK: SYS-DIR(IRR)-SEN (Aug 2017 ); 1000 ppm IDLH   |
| OSHA (US):                          | 100 ppm TWA; 200 ppm Ceiling  |

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|                           |  |
|---------------------------|--|
| <b>Benzene</b>            | <b>71-43-2</b>   |
| ACGIH:                    | 0.5 ppm TWA; 2.5 ppm STEL; Skin - potential significant contribution to overall exposure by the cutaneous route  |
| NIOSH:                    | 0.1 ppm TWA; 1 ppm STEL; 500 ppm IDLH  |
| OSHA (US):                | 10 ppm TWA applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028 ; 1 ppm TWA; 5 ppm STEL (See 29 CFR 1910.1028 ) 15 min ; 0.5 ppm Action Level ; 1 ppm TWA ; 5 ppm STEL (see 29 CFR 1910.1028 ) ; 25 ppm Ceiling |
| <b>Methylene chloride</b> | <b>75-09-2</b>   |
| ACGIH:                    | 50 ppm TWA   |
| NIOSH:                    | 2300 ppm IDLH  |
| OSHA (US):                | 25 ppm TWA; 125 ppm STEL (See 29 CFR 1910.1052 ) 15 min ; 12.5 ppm Action Level (See 29 CFR 1910.1052 ) ; 25 ppm TWA (See 29 CFR 1910.1052 ) ; 125 ppm STEL (see 29 CFR 1910.1052 )  |
| <b>p-Dichlorobenzene</b>  | <b>106-46-7</b>  |
| ACGIH:                    | 10 ppm TWA   |
| NIOSH:                    | 150 ppm IDLH   |
| OSHA (US):                | 75 ppm TWA ; 450 mg/m3 TWA   |

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

**Tetrachloroethylene (127-18-4)**

3 ppm Medium: end-exhaled air Time: prior to shift Parameter: Tetrachloroethylene ; 0.5 mg/l Medium: blood Time: prior to shift Parameter: Tetrachloroethylene

**Toluene (108-88-3)**

0.02 mg/l Medium: blood Time: prior to last shift of workweek Parameter: Toluene ; 0.03 mg/l Medium: urine Time: end of shift Parameter: Toluene ; 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background )

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

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

**Trichloroethene (79-01-6)**

15 mg/l Medium: urine Time: end of shift at end of workweek Parameter: Trichloroacetic acid (nonspecific ) ; 0.5 mg/l Medium: blood Time: end of shift at end of workweek Parameter: Trichloroethanol without hydrolysis (nonspecific ) ; Medium: blood Time: end of shift at end of workweek Parameter: Trichloroethylene (semi-quantitative ) ; Medium: end-exhaled air Time: end of shift at end of workweek Parameter: Trichloroethylene (semi-quantitative )

**Benzene (71-43-2)**

25 µg/g creatinine Medium: urine Time: end of shift Parameter: S-Phenylmercapturic acid (background ) ; 500 µg/g creatinine Medium: urine Time: end of shift Parameter: t,t-Muconic acid (background )

**Methylene chloride (75-09-2)**

0.3 mg/l Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative )

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## Appropriate 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.

## Individual Protective Measures, such as Personal Protective Equipment

### Eyes/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 nitrile rubber, laminate (such as Ansell Edmont Barrier® or North Silver Shield/ 4H®) or equivalent protective gloves; use of polyvinyl chloride (PVC), natural rubber (latex) or equivalent gloves is not recommended. To avoid prolonged or repeated contact with products where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, coveralls, long sleeve shirts, 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, and Lab coat or apron.

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

|   |  |
|---|--|
| <b>Appearance/Odor :</b> Bright, clear, liquid,<br>hydrocarbon odor | <b>pH:</b> Not available.                                    |
| <b>Odor:</b>  | <b>Odor Threshold:</b> Not available.                        |
| <b>Boiling Point:</b> Not available.                                | <b>Melting Point:</b> Not available                          |
| <b>Solubility (H2O):</b> Not available.                             | <b>Specific Gravity:</b> 0.83 (water = 1)<br>(approximately) |
| <b>Density:</b> Not available.                                      | <b>Octanol/H2O Coeff.:</b> Not available.                    |
| <b>Evaporation Rate:</b> Not available.                             | <b>Molecular Weight:</b> Not available.                      |
| <b>Auto Ignition Temperature:</b> Not available.                    | <b>LFL:</b> Not available.                                   |
| <b>Flash Point:</b> 105°F (40.6°C) (minimum)<br>Tag Closed Cup      | <b>UFL:</b> Not available.                                   |
| <b>Viscosity:</b> Not available                                     | <b>Vapor Pressure:</b> Not available.                        |
| <b>Vapor Density:</b> Not available.                                | <b>Flammability (solid, gas):</b> Not applicable             |

## \*\*\* Section 10 - Stability & Reactivity \*\*\*

### Reactivity

No reactivity hazard is expected.

### Chemical Stability

Stable under normal temperatures and pressures.

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## Possibility of Hazardous Reactions

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

## Conditions To Avoid

Keep away from heat, ignition sources and incompatible materials.

## Incompatible Materials

Acids, bases, oxidizing materials, metals, combustible materials, reducing agents, halogens, metal salts, amines. .

## Hazardous Decomposition Products

Decomposition and combustion materials may be toxic. Thermal decomposition or combustion products: Oxides of carbon, phosgene, hydrogen chloride gas, halogenated compounds, other unidentified organic compounds.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Information on Likely Routes of Exposure

#### Inhalation

May cause cancer, irritation, nausea, vomiting, headache, unconsciousness, dizziness, lung congestion, convulsions, coma, weight loss, tingling sensation, pain in extremities, blood disorders, mutagenic effects, central nervous system damage, changes in blood pressure, stomach pain, difficulty breathing, irregular heartbeat, disorientation, mood swings, tremors, loss of coordination, visual disturbances, kidney damage, liver damage, brain damage.

#### Skin Contact

May cause an allergic skin reaction, skin irritation, nausea, loss of appetite, weight loss, difficulty breathing, headache, allergic reactions, drowsiness, dizziness, joint pain, loss of coordination, visual disturbances.

#### Eye Contact

Causes eye damage, blurred vision, tearing, sensitivity to light.

#### Ingestion

May cause gastrointestinal irritation, nausea, vomiting, diarrhea, unconsciousness, difficulty breathing, irregular heartbeat, headache, drowsiness, dizziness, loss of coordination, lung congestion, lung damage, mutagenic effects, cancer, liver damage, kidney damage, central nervous system damage, brain damage, changes in blood pressure, stomach pain, mood swings, tremors, visual disturbances, dilated pupils, digestive disorder, coma.

### 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:

##### **Solvent naphtha (petroleum), medium aliphatic (64742-88-7)**

Oral LD50 Rat >25 mL/kg; Dermal LD50 Rabbit >3000 mg/kg; Inhalation LC50 Rat >13 mg/L 4 h

##### **Tetrachloroethylene (127-18-4)**

Oral LD50 Rat 2629 mg/kg; Inhalation LC50 Rat 27.8 mg/L 4 h

##### **Methyl n-amyl ketone (110-43-0)**

Oral LD50 Rat 1600 mg/kg; Dermal LD50 Rabbit 12.6 mL/kg; Inhalation LC50 Rat 2000 - 4000 ppm 6 h

##### **Toluene (108-88-3)**

Oral LD50 Rat 2600 mg/kg; Dermal LD50 Rabbit 12000 mg/kg; Inhalation LC50 Rat 12.5 mg/L 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

##### **n-Butyl alcohol (71-36-3)**

Oral LD50 Rat 700 mg/kg; Dermal LD50 Rabbit 3402 mg/kg; Inhalation LC50 Rat >8000 ppm 4 h

##### **Isopropyl acetate (108-21-4)**

Oral LD50 Rat 3000 mg/kg; Dermal LD50 Rabbit >17436 mg/kg; Inhalation LC50 Rat 50600 mg/m<sup>3</sup> 8 h

##### **Trichloroethene (79-01-6)**

Oral LD50 Rat 4920 mg/kg; Dermal LD50 Rabbit 29000 mg/kg; Inhalation LC50 Rat 26 mg/L 4 h

##### **Benzene (71-43-2)**

Oral LD50 Rat 810 mg/kg; Dermal LD50 Rabbit >8200 mg/kg; Inhalation LC50 Rat 44.66 mg/L 4 h

##### **Methylene chloride (75-09-2)**

Oral LD50 Rat 1600 mg/kg; Inhalation LC50 Rat 53 mg/L 6 h



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**p-Dichlorobenzene (106-46-7)**

Oral LD50 Rat 500 mg/kg; Dermal LD50 Rat >6000 mg/kg (females ); Inhalation LC50 Rat >5070 mg/m3 4 h

**Product Toxicity Data**

**Acute Toxicity Estimate**

No data available.

**Immediate Effects**

Causes skin irritation, eye damage, lung damage (from aspiration), brain damage, liver damage, kidney damage, central nervous system damage.

**Delayed Effects**

Cancer, mutagenic effects, central nervous system damage.

**Irritation/Corrosivity Data**

Causes skin irritation and eye damage.

**Respiratory Sensitization**

Based on best current information, there is no known human sensitization associated with this product.

**Dermal Sensitization**

Based on best current information, there is no known human sensitization associated with this product.

**Component Carcinogenicity**

|                                     |   |
|-------------------------------------|---|
| <b>Tetrachloroethylene</b>          | <b>127-18-4</b>   |
| ACGIH:                              | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans   |
| IARC:                               | Monograph 106 [2014] ; Monograph 63 [1995] ; Supplement 7 [1987] (Group 2A (probably carcinogenic to humans)) |
| NTP:                                | Reasonably Anticipated To Be A Human Carcinogen   |
| DFG:                                | Category 3B (could be carcinogenic for man )  |
| OSHA:                               | Present   |
| NIOSH:                              | potential occupational carcinogen   |
| <b>Toluene</b>                      | <b>108-88-3</b>   |
| ACGIH:                              | A4 - Not Classifiable as a Human Carcinogen   |
| IARC:                               | Monograph 71 [1999] ; Monograph 47 [1989] (Group 3 (not classifiable))  |
| <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))  |
| <b>Trichloroethene</b>              | <b>79-01-6</b>  |
| ACGIH:                              | A2 - Suspected Human Carcinogen   |
| IARC:                               | Monograph 106 [2014] ; Monograph 63 [1995] (Group 1 (carcinogenic to humans))                                 |
| NTP:                                | Known Human Carcinogen  |

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|---------------------------|---|
| NTP:                      | Reasonably Anticipated To Be A Human Carcinogen   |
| DFG:                      | Category 1 (causes cancer in man )  |
| OSHA:                     | Present   |
| NIOSH:                    | potential occupational carcinogen   |
| <b>Benzene</b>            | <b>71-43-2</b>  |
| ACGIH:                    | A1 - Confirmed Human Carcinogen   |
| IARC:                     | Monograph 120 [in preparation] ; Monograph 100F [2012] ; Supplement 7 [1987] ; Monograph 29 [1982] (Group 1 (carcinogenic to humans)) |
| NTP:                      | Known Human Carcinogen  |
| DFG:                      | Category 1 (causes cancer in man )  |
| OSHA:                     | Present   |
| OSHA:                     | see 29 CFR 1910.1028  |
| NIOSH:                    | Potential occupational carcinogen   |
| <b>Methylene chloride</b> | <b>75-09-2</b>  |
| ACGIH:                    | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans   |
| IARC:                     | Monograph 110 [2017] ; Monograph 71 [1999] (Group 2A (probably carcinogenic to humans))   |
| NTP:                      | Reasonably Anticipated To Be A Human Carcinogen   |
| DFG:                      | Category 5 (low carcinogenic potency )  |
| OSHA:                     | Present   |
| OSHA:                     | see 29 CFR 1910.1052  |
| NIOSH:                    | potential occupational carcinogen   |
| <b>p-Dichlorobenzene</b>  | <b>106-46-7</b>   |
| ACGIH:                    | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans   |
| IARC:                     | Monograph 73 [1999] ; Supplement 7 [1987] (Group 2B (possibly carcinogenic to humans))  |
| NTP:                      | Reasonably Anticipated To Be A Human Carcinogen   |
| DFG:                      | Category 4 (no significant contribution to human cancer )   |

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|        |                                   |
|--------|-----------------------------------|
| OSHA:  | Present                           |
| NIOSH: | potential occupational carcinogen |

### Germ Cell Mutagenicity

Perchloroethylene has demonstrated experimental effects of mutagenicity; Trichloroethylene has demonstrated human effects of mutagenicity. Toluene has demonstrated experimental effects of mutagenicity.

### Tumorigenic Data

Perchloroethylene has demonstrated experimental effects of teratogenicity, Trichloroethylene has demonstrated animal effects of teratogenicity. Toluene has demonstrated human effects of teratogenicity.

### Reproductive Toxicity

Based on best current information, there is no known reproductive toxicity associated with this product.

### Specific Target Organ Toxicity - Single Exposure

Central nervous system, liver, kidneys, lungs, brain

### Specific Target Organ Toxicity - Repeated Exposure

Central nervous system

### Aspiration hazard

This material is an aspiration hazard. May be fatal if swallowed and enters airways.

### Medical Conditions Aggravated by Exposure

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

**\*\*\* Section 12 - Ecological Information \*\*\***

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

### Component Analysis - Ecotoxicity - Aquatic Toxicity

|  |   |
|--|---|
| <b>Solvent naphtha (petroleum), medium aliphatic</b> | <b>64742-88-7</b>   |
| Fish:  | LC50 96 h Pimephales promelas 800 mg/L [static ]  |
| Algae:   | EC50 96 h Pseudokirchneriella subcapitata 450 mg/L IUCLID   |
| Invertebrate:  | EC50 48 h Daphnia magna >100 mg/L IUCLID  |
| <b>Tetrachloroethylene</b>                           | <b>127-18-4</b>   |
| Fish:  | LC50 96 h Pimephales promelas 12.4 - 14.4 mg/L [flow-through ]; LC50 96 h Pimephales promelas 8.6 - 13.5 mg/L [static ]; LC50 96 h Lepomis macrochirus 11 - 15 mg/L [static ]; LC50 96 h Oncorhynchus mykiss 4.73 - 5.27 mg/L [flow-through ] |
| Algae:   | EC50 96 h Pseudokirchneriella subcapitata >500 mg/L EPA   |
| Invertebrate:  | EC50 48 h Daphnia magna 6.1 - 9 mg/L [Static ] EPA  |
| <b>Methyl n-amyl ketone</b>                          | <b>110-43-0</b>   |
| Fish:  | LC50 96 h Pimephales promelas 126 - 137 mg/L [flow-through ]  |
| <b>Toluene</b>                                       | <b>108-88-3</b>   |

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|                                     |  |
|-------------------------------------|--|
| Fish:                               | LC50 96 h Pimephales promelas 15.22 - 19.05 mg/L [flow-through ] (1 day old ); LC50 96 h Pimephales promelas 12.6 mg/L [static ]; LC50 96 h Oncorhynchus mykiss 5.89 - 7.81 mg/L [flow-through ]; LC50 96 h Oncorhynchus mykiss 14.1 - 17.16 mg/L [static ]; LC50 96 h Oncorhynchus mykiss 5.8 mg/L [semi-static ]; LC50 96 h Lepomis macrochirus 11 - 15 mg/L [static ]; LC50 96 h Oryzias latipes 54 mg/L [static ]; LC50 96 h Poecilia reticulata 28.2 mg/L [semi-static ]; LC50 96 h Poecilia reticulata 50.87 - 70.34 mg/L [static ]              |
| Algae:                              | EC50 96 h Pseudokirchneriella subcapitata >433 mg/L IUCLID ; EC50 72 h Pseudokirchneriella subcapitata 12.5 mg/L [static ] EPA   |
| Invertebrate:                       | EC50 48 h Daphnia magna 5.46 - 9.83 mg/L [Static ] EPA ; EC50 48 h Daphnia magna 11.5 mg/L IUCLID  |
| <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  |
| <b>n-Butyl alcohol</b>              | <b>71-36-3</b>   |
| Fish:                               | LC50 96 h Pimephales promelas 1730 - 1910 mg/L [static ]; LC50 96 h Pimephales promelas 1740 mg/L [flow-through ]; LC50 96 h Lepomis macrochirus 100000 - 500000 µg/L [static ]; LC50 96 h Pimephales promelas 1910000 µg/L [static ]  |
| Algae:                              | EC50 96 h Desmodesmus subspicatus >500 mg/L IUCLID ; EC50 72 h Desmodesmus subspicatus >500 mg/L IUCLID  |
| Invertebrate:                       | EC50 48 h Daphnia magna 1983 mg/L IUCLID ; EC50 48 h Daphnia magna 1897 - 2072 mg/L [Static ] EPA  |
| <b>Trichloroethene</b>              | <b>79-01-6</b>   |
| Fish:                               | LC50 96 h Pimephales promelas 31.4 - 71.8 mg/L [flow-through ]; LC50 96 h Lepomis macrochirus 39 - 54 mg/L [static ]   |
| Algae:                              | EC50 96 h Desmodesmus subspicatus 450 mg/L IUCLID ; EC50 96 h Pseudokirchneriella subcapitata 175 mg/L IUCLID  |
| Invertebrate:                       | EC50 48 h Daphnia magna 2.2 mg/L IUCLID  |
| <b>Benzene</b>                      | <b>71-43-2</b>   |

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|                           |  |
|---------------------------|--|
| Fish:                     | LC50 96 h Pimephales promelas 10.7 - 14.7 mg/L [flow-through ]; LC50 96 h Oncorhynchus mykiss 5.3 mg/L [flow-through ]; LC50 96 h Lepomis macrochirus 22.49 mg/L [static ]; LC50 96 h Poecilia reticulata 28.6 mg/L [static ]; LC50 96 h Pimephales promelas 22330 - 41160 µg/L [static ]; LC50 96 h Lepomis macrochirus 70000 - 142000 µg/L [static ] |
| Algae:                    | EC50 72 h Pseudokirchneriella subcapitata 29 mg/L EPA  |
| Invertebrate:             | EC50 48 h Daphnia magna 8.76 - 15.6 mg/L [Static ] EPA ; EC50 48 h Daphnia magna 10 mg/L IUCLID  |
| <b>Methylene chloride</b> | <b>75-09-2</b>   |
| Fish:                     | LC50 96 h Pimephales promelas 140.8 - 277.8 mg/L [flow-through ]; LC50 96 h Pimephales promelas 262 - 855 mg/L [static ]; LC50 96 h Lepomis macrochirus 193 mg/L [static ]; LC50 96 h Lepomis macrochirus 193 mg/L [flow-through ]   |
| Algae:                    | EC50 96 h Pseudokirchneriella subcapitata >500 mg/L EPA ; EC50 72 h Pseudokirchneriella subcapitata >500 mg/L EPA  |
| Invertebrate:             | EC50 48 h Daphnia magna 1532 - 1847 mg/L [Static ] EPA ; EC50 48 h Daphnia magna 190 mg/L IUCLID   |
| <b>p-Dichlorobenzene</b>  | <b>106-46-7</b>  |
| Fish:                     | LC50 96 h Pimephales promelas 18 - 50 mg/L [static ]; LC50 96 h Pimephales promelas 4 mg/L [flow-through ]; LC50 96 h Oncorhynchus mykiss 1.05 - 1.2 mg/L [flow-through ]; LC50 96 h Oncorhynchus mykiss 0.88 mg/L [static ]; LC50 96 h Lepomis macrochirus 3.9 - 4.8 mg/L [static ]   |

**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 all applicable federal, state/regional and local laws and regulations.

Hazardous Waste Number(s): D001. Based on available data, this information applies to the product as supplied to the user.

Processing, use, or contamination by the user may change the waste code applicable to the disposal of this product.

**\*\*\* Section 14 - Transport Information \*\*\***

**US DOT Information:**

**Shipping Name:** PETROLEUM DISTILLATES, N.O.S. , ( Contains: Solvent naphtha (petroleum), medium aliphatic )

**Hazard Class:** 3

**UN/NA #:** UN1268

**Packing Group:** III

**Required Label(s):** 3

## Safety Data Sheet

Material Name: SAFETY-KLEEN MINERAL SPIRITS LITES

SDS ID: 820083

Marine pollutant

### IATA Information:

**Shipping Name:** PETROLEUM DISTILLATES, N.O.S. , ( Contains: Solvent naphtha (petroleum), medium aliphatic )

**Hazard Class:** 3

**UN#:** UN1268

**Packing Group:** III

**Required Label(s):** 3

Marine pollutant

### IMDG Information:

**Shipping Name:** PETROLEUM DISTILLATES, N.O.S. , ( Contains: Solvent naphtha (petroleum), medium aliphatic )

**Hazard Class:** 3

**UN#:** UN1268

**Packing Group:** III

**Required Label(s):** 3

Marine pollutant

### TDG Information:

**Shipping Name:** PETROLEUM DISTILLATES, N.O.S. , ( Contains: Solvent naphtha (petroleum), medium aliphatic )

**Hazard Class:** 3

**UN#:** UN1268

**Packing Group:** III

**Required Label(s):** 3

Marine pollutant

### 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>Tetrachloroethylene</b>          | <b>127-18-4</b>  |
| IBC Code:                           | Category Y       |
| <b>Methyl n-amyl ketone</b>         | <b>110-43-0</b>  |
| IBC Code:                           | Category Z       |
| <b>Toluene</b>                      | <b>108-88-3</b>  |
| IBC Code:                           | Category Y       |
| <b>Xylenes (o-, m-, p- isomers)</b> | <b>1330-20-7</b> |
| IBC Code:                           | Category Y       |
| <b>Isopropyl acetate</b>            | <b>108-21-4</b>  |
| IBC Code:                           | Category Z       |
| <b>Trichloroethene</b>              | <b>79-01-6</b>   |
| IBC Code:                           | Category Y       |

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|                           |   |
|---------------------------|---|
| <b>Benzene</b>            | <b>71-43-2</b>  |
| IBC Code:                 | Category Y ; Category Y (>=10% or more mixture ;for mixtures containing no other components with safety hazards and where the pollution category is Y or less ); Category Y (mixtures ;>=10% Benzene ;for mixtures containing no other components with safety hazards and where the pollution category is Y or less ) |
| <b>Methylene chloride</b> | <b>75-09-2</b>  |
| IBC Code:                 | Category Y  |

### \*\*\* 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>Tetrachloroethylene</b>          | <b>127-18-4</b>  |
| SARA 313:                           | 0.1 % de minimis concentration   |
| CERCLA:                             | 100 lb final RQ ; 45.4 kg final RQ   |
| <b>Toluene</b>                      | <b>108-88-3</b>  |
| SARA 313:                           | 1 % de minimis concentration   |
| CERCLA:                             | 1000 lb final RQ ; 454 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   |
| <b>n-Butyl alcohol</b>              | <b>71-36-3</b>   |
| SARA 313:                           | 1 % de minimis concentration   |
| CERCLA:                             | 5000 lb final RQ ; 2270 kg final RQ  |
| <b>Trichloroethene</b>              | <b>79-01-6</b>   |
| SARA 313:                           | 0.1 % de minimis concentration   |
| CERCLA:                             | 100 lb final RQ ; 45.4 kg final RQ   |
| TSCA 12b:                           | Section 5 , 0.1 % de minimus concentration; Section 6 , 0.1 % de minimus concentration |
| <b>Benzene</b>                      | <b>71-43-2</b>   |

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|                           |  |
|---------------------------|--|
| SARA 313:                 | 0.1 % de minimis concentration   |
| CERCLA:                   | 10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule ); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule ) |
| <b>Methylene chloride</b> | <b>75-09-2</b>   |
| SARA 313:                 | 0.1 % de minimis concentration   |
| CERCLA:                   | 1000 lb final RQ ; 454 kg final RQ   |
| <b>p-Dichlorobenzene</b>  | <b>106-46-7</b>  |
| SARA 313:                 | 0.1 % de minimis concentration   |
| CERCLA:                   | 100 lb final RQ ; 45.4 kg final RQ   |

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

Flammable; Carcinogenicity; Skin Corrosion/Irritation; Serious Eye Damage/Eye Irritation; Specific Target Organ Toxicity; Aspiration Hazard; Germ Cell Mutagenicity

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

**U.S. State Regulations**

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

| Component   | CA  | MA  | MN  | NJ  | PA  |
|---|-----|-----|-----|-----|-----|
| <b>Solvent naphtha (petroleum), medium aliphatic 64742-88-7; Tetrachloroethylene 127-18-4; Methyl n-amyl ketone 110-43-0; Toluene 108-88-3; Xylenes (o-, m-, p- isomers) 1330-20-7; n-Butyl alcohol 71-36-3; Isopropyl acetate 108-21-4; Trichloroethene 79-01-6; Benzene 71-43-2; Methylene chloride 75-09-2; p-Dichlorobenzene 106-46-7</b> | Yes | Yes | Yes | Yes | Yes |

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

This product can expose you to chemicals including Tetrachloroethylene, Trichloroethene, Benzene, Methylene chloride, p-Dichlorobenzene , which are known to the State of California to cause cancer and Toluene, Trichloroethene, Benzene , which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Canada Regulations**

**Canadian WHMIS Ingredient Disclosure List (IDL)**

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

|  |
|--|
| <b>Solvent naphtha (petroleum), medium aliphatic 64742-88-7</b>  |
| 1 % (related to Stoddard solvent)  |
| <b>Tetrachloroethylene 127-18-4; Methyl n-amyl ketone 110-43-0; Toluene 108-88-3; n-Butyl alcohol 71-36-3; Isopropyl acetate 108-21-4; Trichloroethene 79-01-6; p-Dichlorobenzene 106-46-7</b> |
| 1 %  |



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|  |
|--|
| <b>Benzene 71-43-2; Methylene chloride 75-09-2</b> |
| 0.1 %  |

**WHMIS Classification**

B2 , D1B , D2A , D2B

**Component Analysis - Inventory**

**Solvent naphtha (petroleum), medium aliphatic (64742-88-7)**

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

**Tetrachloroethylene (127-18-4)**

|                |     |     |     |     |           |           |                   |                   |
|----------------|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| 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)        |                   |
| Yes            |     | Yes | Yes | Yes | Yes       | Yes       | Yes               |                   |

**Methyl n-amyl ketone (110-43-0)**

|                |     |     |     |     |           |           |                   |                   |
|----------------|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| 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               |                   |

**Toluene (108-88-3)**

|                |     |     |     |     |           |           |                   |                   |
|----------------|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| 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               |                   |

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### n-Butyl alcohol (71-36-3)

|                |     |     |     |     |           |           |                   |                   |
|----------------|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| 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               |                   |

### Isopropyl acetate (108-21-4)

|                |     |     |     |     |           |           |                   |                   |
|----------------|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| 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               |                   |

### Trichloroethene (79-01-6)

|                |     |     |     |     |           |           |                   |                   |
|----------------|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| 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               |                   |

### Benzene (71-43-2)

|                |     |     |     |     |           |           |                   |                   |
|----------------|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| 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               |                   |

### Methylene chloride (75-09-2)

|                |     |     |     |     |           |           |                   |                   |
|----------------|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| 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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**p-Dichlorobenzene (106-46-7)**

|                |     |     |     |     |           |           |                   |                   |
|----------------|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| 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: 3 Fire: 2 Reactivity: 0**

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

**Summary of Changes**

Update to Sections 1 and 15, Restrictions on use.

**Key/Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

**Disclaimer**

User assumes all risks incident to the use of this (these) product(s). 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 express or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product(s) as supplied to the user.