

Safety Data Sheet

iso-Propanol, 99%

4/24/2019

SECTION I - IDENTIFICATION



**Research
Solutions**

Research Solutions Group, Inc.

402 Industrial Park Drive

Pelham, AL 35124

(205) 663-6350

Chemtrec :..... (800) 424-9300

Product Number 10600
Product Name iso-Propanol, 99%
Chemical Family Solvent
CAS Number 67-63-0
Date Prepared 3/5/1994
Revision Date 10/11/2018
Recommended Use Industrial Use Only

*Isopropyl Alcohol
99% By Swan*

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Flammable Liquids

Category 2

Serious Eye Damage/Eye Irritation

Category 2A

Specific target organ toxicity, single exposure, Narcotic

Category 3

DANGER!

GHS LABEL:



Hazard Statements

H225 Highly flammable liquid and vapor
H319 Causes serious eye irritation
H336 May cause dizziness or drowsiness

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Precautionary Statements

P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition, sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment, etc.
P242	Use only non-sparking tools.
P243	Take precautionary measures to prevent static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands and exposed body parts thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+340	IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
P312	Call a POISON CENTER or a doctor/physician if you feel unwell.
P337+313	If eye irritation persists get medical advice/attention.
P370+378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403+233	Store in a well ventilated place. Keep container tightly closed.
P403+235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to an approved waste disposal facility.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Isopropyl Alcohol	67-63-0	>99%	400 ppm	200ppm (TWA)

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention.

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- Skin contact:** Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.
- Inhalation:** Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.
- Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Fire Fighting Procedures Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

Unusual Fire Fighting Hazards: Product is flammable and may be ignited by heat, sparks, flames or other sources of ignition (e.g., static electricity, pilot lights or mechanical/electrical equipment). Vapors are heavier than air and may accumulate in low areas. Vapors may travel considerable distance to a source of ignition where they can ignite, flashback or explode. May create vapor/air explosion hazard indoors, outdoors or in sewers. If container is not properly cooled, it can explode in the heat of a fire.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep all sources of ignition and hot metal surfaces away from spill or release.

Evacuate all unprotected personnel from the area.

Environmental Precautions: Prevent liquid from entering drains, sewers or waterways. Contain spill if it can be done with minimal risk. Notify proper authorities.

Methods for Cleaning Up: Use foam on spills to minimize vapors. Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- NFPA Class I storage.
 - Vent container carefully before opening.
 - Bond and ground all equipment when transferring from one vessel to another. The use of explosion-proof equipment is recommended.
 - "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources.
 - Keep containers tightly closed when not in use.

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- Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Isopropyl Alcohol	67-63-0	400 ppm	200ppm (TWA)

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

Monitoring: Follow accepted work practices for handling a flammable material.
Do not eat, drink or smoke in areas where this chemical is used or stored.
Have eye wash stations and safety showers readily available.

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

Skin Protection: Impervious solvent resistant gloves.
Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, Colorless Liquid
Odor	Strong Alcohol Odor
pH@25°C	No data available
Melting/Freezing Point	No data available
Flashpoint	53°F, TCC
Specific Gravity	0.7885
Solubility	Complete
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
VOC Content	100% (6.50#/gal)
Odor Threshold	No data available
Boiling Range	180°F
Evaporation Point	2.4(Butyl Acetate=1)
Flammable Limits - Upper	12%
Flammable Limits - Lower	2%
Vapor Pressure	33 mmHg @ 20°F
Vapor Density (Air=1)	2.1 (Air=1)
Viscosity	No data available

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SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme heat and ignition sources.

Hazardous Decomposition/Byproducts: Oxides of carbon and nitrogen under incomplete combustion conditions.

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

Incompatibilities: Strong Oxidizers and Alkali Metals

SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: May cause irritation to the upper respiratory tract and CNS depression.

Eye Contact: Causes eye irritation including stinging, watering and redness which may result in corneal injury.

Skin Contact: Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.
No harmful effects from skin adsorption are expected.

Ingestion: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.

Acute Toxicity Value: See Health Hazards below.

Chronic (Long Term) Effects: See Health Hazards above.

Toxicity:

Component Name	LD50	LC50
Isopropyl Alcohol	Oral - Rat - 5,045 mg/kg - Dermal - Rabbit - 12,800 mg/kg	Inhalation - Rat - 8 h - 16000 ppm

Reproductive Effects Not Applicable

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Teratogenicity	Not Applicable
Mutagenicity	Not Applicable
Embryotoxicity	Not Applicable
Sensitization to Product	Not Applicable
Synergistic Products	Not Applicable
Carcinogenicity	Not Listed as a Carcinogen

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, State and local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Isopropyl Alcohol

Contains:

Hazard Class and Label: 3

Identification Number: UN 1219

Packaging Group: II

Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

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SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X	X	X		

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 1

HMIS Flammability: 3

HMIS Reactivity: 0

Additional:

Specification Information

Department issuing data sheet: Compliance Department

Email address: tech.service@researchsolutionsgroup.com

Training necessary: Training is required per the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 29 CFR 1910.1200.

Disclaimer:

** HMIS rating involve data and interpretations that vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this product, all the information contained in this SDS must be considered.

Disclaimer: The information contained herein is based upon data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Research Solutions Group, Inc. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by this material. Such vendees, users or third parties assume all risks associated with the use of this product.

SAFETY DATA SHEET

4/24/2018

1. Identification of the substance/mixture and of the company

1.1 Product identifier

Product Name:
HydraSol® Cable Gel Remover

Product ID numbers: HS-XXX (Where XXX is the package code.)

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses: Removing cable filling greases

List of advices against: Not applicable.

HydraSol® Cable Gel
Remover

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer:

American Polywater Corporation

11222 - 60th Street North

Stillwater, MN 55082 USA

Tel: 1-651-430-2270

Email: sds@polywater.com

1.4 Emergency telephone numbers

INFOTRAC: 1-800-535-5053 (USA) 1-352-323-3500 (INT'L)

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to USA OSHA 29 CFR 1910.1200 (2012) and Canada HPR (SOR/2015-17; WHMIS 2015).

Asp Tox 1 H304

Skin Irrit 2 H315

Skin Sens 1 H317

Eye Irrit 2 H319

Flam Liq 4 H227

2.2 Label elements

Contains: Medium Aliphatic Petroleum Solvent, d-Limonene, Alcohols, C12-C15, ethoxylated.



Pictograms:

Signal word: Danger

Hazard Statements:

H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H315	Causes mild irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Precautionary Statements:

P210	Keep away from flames and hot surfaces. No smoking.
P261	Avoid breathing spray or vapor.

P264	Wash hands after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves and eye protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331	Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P333 + P313	If skin irritation or rash occurs: Get medical attention
P362 + P364	Take off contaminated clothing and wash it before reuse.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical attention.
P370 + P378	In case of fire: Use water fog, foam, dry chemical or carbon dioxide for extinction.
P403 + P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local and national regulations.

2.3 Other hazards: No information available.

3. Composition/Information on Ingredients

<u>Component</u>	<u>CAS #</u>	<u>Wt. %</u>
Medium Aliphatic Petroleum Solvent	64742-47-8	20-25
d-Limonene	5989-27-5	20-25
Alcohols, C12-C15, Ethoxylated	68131-39-5	< 2

This product contains no other reportable hazardous components under OSHA 29 CFR 1910.1200 (2012) and Canada HPR (SOR/2015-17; WHMIS 2015).

4. First Aid Measures

4.1 Description of first aid measures

- Eye Contact:** If eye irritation from exposure to vapors develops, move to fresh air. Flush eyes with clean water. If irritation persists, seek medical attention. For direct eye contact, flush with large quantity of water for 15 minutes. Seek medical attention.
- Skin Contact:** Remove contaminated clothing; flush skin thoroughly with water. If irritation occurs, seek medical attention.
- Inhalation (Breathing):** If irritation of nose or throat develops, move to fresh air. If irritation persists, seek medical attention. If breathing is difficult, provide oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.
- Ingestion (Swallowing):** Do not induce vomiting or give anything by mouth. If victim is drowsy or unconscious, place on the left side with head down. Do not leave victim unattended. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Refer to Section 11 for more information.

4.3 Indication of immediate medical attention and special treatment needed.

Aspiration hazard. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis.

5. Firefighting Measures

5.1 Extinguishing media:

Carbon dioxide, water fog, dry chemical or foam.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition and by-products:

Burning generates CO, CO₂ and smoke. Smoke may be acrid and fumes irritating.

5.3 Advice for firefighters

Wear full protective clothing, including self-contained, positive pressure or pressure-demand breathing apparatus. Sealed container can build up pressure when exposed to high heat. Use water spray to cool fire exposed containers.

6. Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Keep away from heat/sparks/open flames/hot surfaces. No smoking. For a spill in a confined space, provide mechanical ventilation to disperse or exhaust vapors. For emergency responders: use respiratory protection: half-face or full-face respirator with filter(s) for organic vapor for spills in a confined space. Work gloves that are resistant to aromatic hydrocarbons are recommended. Chemical goggles are recommended if splashes or contact with eyes is possible. For small spills: normal antistatic work clothes are usually adequate.

6.2 Environmental precautions:

Avoid release to the environment. Dyke the spill to prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods materials for containment and cleaning up:

Absorb spill with sand or absorbents. Collect as much of the spilled material as possible using non-sparking tools and transfer to a container. Seal the container. Remember, adding an absorbent material does not change the toxicity or flammability hazard.

6.4 Reference to other sections:

Refer to Sections 4, 5, 8, and 13 for more information.

7. Handling and Storage**7.1 Precautions for safe handling**

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing vapors or spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Wash contaminated clothing before reuse. For industrial or professional use only. Avoid contact with oxidizing agents (e.g. chlorine, chromic acid etc.)

7.2 Conditions for safe storage, including incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store away from acids and oxidizing agents.

7.3 Specific end uses

See technical data sheet on this product for further information.

8. Exposure Controls / Personal Protection**8.1 Control parameters**

Exposure limits and recommendations:

Petroleum Distillates, hydrotreated light (64742-47-8)

Country/Source	Long-term exposure limit – 8 hr. TWA	Short-term exposure limit – 15 min
Manufacturer, RCP* TWA	1200 mg/m ³	--
USA, ACGIH TWA	Not established	Not established
USA, OSHA PEL	2000 mg/m ³ , 500 ppm (as petroleum distillates (naphtha))	--
British Columbia	200 mg/m ³	--
Alberta, Quebec, Yukon, Saskatchewan, Ontario*	Not established	--

D-Limonene (5989-27-5)

Country/Source	Long-term exposure limit –	Short-term exposure limit –
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	8 hr. TWA	15 min
USA ACGIH TWA	Not established	Not established
USA OSHA PEL	Not established	Not established
Alberta, Quebec, Yukon, British Columbia, Saskatchewan, Ontario*	Not established	Not established

* reciprocal calculation procedure for total hydrocarbons

** Manitoba, Newfoundland and Labrador, Nova Scotia, and Prince Edward Island are all based on the current ACGIH TLVs. New Brunswick is based on an older version ACGIH. Nunavut and Northwest Territories are based heavily on current ACGIH TLVs.

8.2 Exposure controls

Respiratory protection:

Normal ventilation is adequate. If exposure exceeds recommended limits, respirator protection is recommended. Use a respirator or gas mask with cartridges for organic vapors (NIOSH-approved) or use supplied air equipment.

Protective gloves:

For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.

Suggested Material: Nitrile Rubber

Suggested Thickness: For short term contact (<15 minutes), splashes use 0.2 mm. For full contact use 0.4 mm

Eye protection:

Safety glasses recommended.

Other protective equipment:

It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.

9. Physical and Chemical

9.1 Information of basic physical and chemical properties

Appearance:	Milky-white liquid with light citrus scent.
Odor threshold:	Not available
pH:	Neutral
Freezing point:	Not available
Boiling point:	212°F (100°C) Initial
Flash point:	155°F (68°C), Closed Cup (PMCC)
Evaporation rate:	<0.06 (n-butyl acetate = 1)
Flammability (solid, gas):	Not applicable to liquids
Upper/lower flammability or explosive limits:	Not available
Vapor pressure:	10.5 mm Hg @ 20°C
Vapor density (Air = 1):	Not available
Specific gravity (H ₂ O = 1):	0.91
Solubility in water:	Dilutes emulsion
Partition coefficient: n- octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

9.2 Other Information

Volatiles (Weight %):	>97%
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VOC Content: 375 g/l

10. Stability and Reactivity**10.1 Reactivity:**

See remaining headings in Section 10.

10.2 Chemical stability:

Stable

10.3 Possibility of hazardous reactions:

None known.

10.4 Conditions to avoid:

Avoid heat, flame, and sparks.

10.5 Incompatible materials :

Strong oxidizing agents.

10.6 Hazardous decomposition products:

Carbon dioxide, carbon monoxide.

11. Toxicological Information**11.1 Information on toxicological effects:****Acute toxicity****Eye contact:**

Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.

Skin contact:

Prolonged or repeated skin exposure can remove oils, causing redness, drying and cracking. Persons with pre-existing skin disorders may be more susceptible to skin irritation from this material.

Irritation and Sensitization Potential:

Product may be irritating to skin and eyes. May cause skin sensitization.

Inhalation (Breathing):

Concentrated petroleum solvent vapors may cause irritation of the nose and throat. Prolonged exposure to excessively high vapor concentrations can result in central nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue). Persons with impaired lung function may experience additional breathing difficulties due to the irritant properties of this material.

Ingestion:

Ingestion of large quantities may cause irritation of the digestive tract, nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

Toxicity to Animals:

Medium Aliphatic

Petroleum Solvent:

LD₅₀ (oral rat) >5000 mg/kgLD₅₀ (dermal rabbit) >2000 mg/kgLC₅₀ (inhl rat) >4.3mg/L, 4 hours

d-Limonene:

LD₅₀ (oral rat) >5000 mg/kgLD₅₀ (dermal rabbit) 5000 mg/kgRD₅₀ 1000 ppm**Aspiration hazard**

May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material.

Chronic Exposure:**Reproductive Toxicity:** Not available.**Mutagenicity:** Not available.**Teratogenicity:** Not available.**Specific Target Organ** No end point data.

Toxicity (STOT)**Toxicologically Synergistic Products:**

Not available.

Carcinogenic Status:

This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

12. Ecological Information**12.1 Toxicity:****Ecotoxicity:**

No information available.

Aquatic Toxicity:

No information available.

12.2 Persistence and degradability:

Expected to be biodegradable.

12.3 Bioaccumulation potential:

No information available

12.4 Mobility in soil:

No information available.

12.5 Results of PBT and vPvB Assessment:

This product is not, nor does it contain a substance that is a PBT or vPvB.

12.6 Other adverse effects:

None known.

13. Disposal Considerations

Dispose of product in accordance with National and Local Regulations.

14. Transport Information**US DOT Domestic Ground Transportation:**

Not Regulated (49 CFR 173.155).

UN Number:

3082

UN Proper shipping name:

Environmentally Hazardous Substance, Liquid, N.O.S., (Contains: d-Limonene) LTD QTY

Transport hazard class(es):

Class 9

Packing group:

III

Environmental hazards:

Marine Pollutant

ICAO/IATA-DGR:

Environmentally Hazardous Substance, Liquid, N.O.S., (Contains: d-Limonene) LTD QTY

IMDG:

Environmentally Hazardous Substance, Liquid, N.O.S., (Contains: d-Limonene) LTD QTY

US DOT Domestic Ground Transportation:

Not Regulated (49 CFR 173.155).

*LTD QTY does not apply for packages containing greater than 5 Liters Cleaner

15. Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****USA Federal and State**

All components are listed on the TSCA inventory.

Hazard Categories for SARA Section 311/312 Reporting**Acute**
Yes**Chronic**
No**Fire**
Yes**Pressure**
No**Reactive**
No**Components****CERCLA/SARA Sec 302
Hazardous Substance RQ EHS TPQ****SARA Sec. 313
Toxic Release**

Components are not affected by these Superfund regulations.

NFPA Ratings:

Health:

2

Fire: 2

Reactivity: 0

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

California Prop65

WARNING: This product can expose you to benzene, ethylbenzene, cumene, and naphthalene which are known to the state of California to cause cancer, and toluene and benzene which are known to the State of California to cause birth defects and/or other reproductive harm. For more information, go to www.p65warnings.ca.gov.

Canada

All components are listed on the DSL inventory.

This product has been classified according to the hazard criteria of the CPR.

Australia

All components are listed on the AICS.

Hazardous according to criteria of NOHSC Australia.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for the mixture by the supplier.

16. Other Information

Abbreviations and acronyms:

OSHA = Occupational Safety and Health Administration

CLP = Classification, Labeling and Packaging Regulation

STOT = Specific Target Organ Toxicity

LD₅₀ = Median Lethal Dose

DNEL = Derived No Effect Level

ACGIH = American Conference of Governmental Industrial Hygienists

TSCA = Toxic Substances Control Act (USA)

DSL = Domestic Substances List (Canada)

AICS = Australian Inventory of Chemical Substances

Revision Date: September 24, 2018

Revision Number: 8

Supersedes: March 14, 2018

Indication of Changes: Section 3, 15 updated; format updates and additional California Proposition 65 information.

Written in accordance with the provisions of OSHA 1910.1200 App D (2012) and Canada HPR (SOR/2015-17) (WHMIS 2015). (GHS format)

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.