SAFETY DATA SHEET
SDS No. 1626A
Revision Date: 8/3/2017 Version: 3.0

☑ GHS Compliant

Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier
Trade Name: **Derma-tac**

1.2 Relevant identified uses of the substance or mixture and uses advised against
General Use: Intermediate, Binding Agent
Restrictions on Use: None known

1.3 Details of the supplier of the safety data sheet:
Company: Smooth-On, Inc.,
5600 Lower Macungie Rd., Macungie, PA 18062
Telephone: Phone (610) 252-5800

E-mail address: Visit our website at www.smooth-on.com or email www.sds@smooth-on.com

1.4 Emergency Contact: Chem-Tel Domestic: 800-255-3924 International: 813-248-0585

Section 2 – Hazard(s) Identification

2.1 Classification of the substance or mixture:

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

H225 Flammable Liquids – Category 2

2.2 GHS Label elements, including precautionary statements

Pictogram(s):

Signal word: Danger

Health Hazards
H225 Highly Flammable liquid and vapor.
General Precautions
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
Prevention Precautions
P210 Keep away from heat, hot surface, 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.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.

Response Precautions

P370 + P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish.

Storage Precautions

P403+P235 Store in a well-ventilated place. Keep cool.

Disposal Precautions

P501 Dispose of contents/container according to local, state and federal laws.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – none known.
This product contains a chemical known to be hazardous according to California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). (See also Section 3 and 15)

Section 3 - Composition / Information on Ingredients

3.1 Substances/Mixtures
The following ingredients are hazardous according to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200:

Hazardous components

Chemical name	Classification	Concentration (% w/w)
Hexamethyldisiloxane		
CAS-No. 107-46-0 EC-No. 203-492-7	Flam. Liq. 2; H225	>= 50 - < 70

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation
Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

Eye Contact
Flush eyes with plenty of water. If irritation persists, seek medical attention.

Skin Contact
In the event of irritation, wash thoroughly with soap and water.

Ingestion
Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed.
None known.

4.3 Indication of any immediate medical attention and specific treatment needed.

Section 5 - Fire-Fighting Measures

5.1 Extinguishing Media
Water Fog, Dry Chemical, and Carbon Dioxide Foam

5.2 Special hazards arising from the substance or mixture:
None known.

5.3 Advice for firefighters
Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off "fuel" to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure demand or positive-pressure mode.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Only properly protected personnel should remain in the spill area; dike and contain spill. Stop or reduce discharge if it can be done safely**.**

6.2 Environmental precautions
Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains or unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. No special environmental precautions required.

6.3 Methods and material for containment and cleaning up
Put on appropriate protective gear including NIOSH/MSHA approved self-contained breathing apparatus, rubber boots and heavy rubber gloves. Dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be done safely**.** Follow applicable OSHA regulations (29 CFR 1910.120) for disposal.

6.4 Reference to other sections
See Section 3 for list of Hazardous Ingredients; Sections 8 for Exposure Controls; and Section 13 for Disposal.

Section 7 - Handling and Storage

7.1 Precautions for safe handling
Use good general housekeeping procedures. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities
Keep container(s) tightly closed and properly labeled. Store in cool, dry, well ventilated place away from heat, direct sunlight, strong oxidizers and any incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet local standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Avoid water contamination.

7.3 Specific end use(s)
These precautions are for room temperature handling. Other uses including elevated temperatures or aerosol/spray applications may require added precautions.

Section 8 - Exposure Controls / Personal Protection

8.1 Control parameters:

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters/ Permissable concentration	Basis
Hexamethyldisiloxane	107-46-0	TWA	200 ppm	DCC OEL

8.2 Exposure controls

Respiratory Protection

Respiratory protection is not normally required when using this product with adequate local exhaust ventilation. Where risk assessment shows air-purifying respirators are appropriate, follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators equipped with appropriate filter cartridges as a backup to engineering controls.

Hand Protection

Wear any liquid-tight gloves such as butyl rubber, neoprene or PVC.

Eye Protection

Safety glasses with side shields per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Other Protective Clothing/Equipment

Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

Comments

Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Wash thoroughly after handling.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance:	Liquid	**Vapor pressure:**	No data
Odor:	No data	**Vapor density (Air=1):**	No data
Odor threshold:	No data	**Relative density:**	0.84
pH:	No data	**Solubility:**	
Melting / freezing point:	No data	**Viscosity:**	50 cP
Low / high boiling point:	212°F (100°C)	**Auto-ignition temperature:**	No data
Flash Point:	26.6°F (-3°C)	**Decomposition temperature:**	No data
Evaporation rate:	No data	**Viscosity:**	No data
Flammability (solid, gas):	No data	**Explosive properties:**	No data
Upper/lower flammability or explosive limits:	No data	**Specific Gravity (H2O=1, at 4 °C):**	No data

Section 10 - Stability and Reactivity

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated., No corrosive effect on metal. Not fire propagating.

10.2 Chemical stability

These products are stable at room temperature in closed containers under normal storage and handling conditions.

10.3 Possibility of hazardous reactions
Hazardous polymerization cannot occur

.

10.4 Conditions to avoid
None known.

10.5 Incompatible materials
Strong bases and acids.

10.6 Hazardous decomposition products
Thermal oxidative decomposition can produce carbon oxides, gasses/vapors, and traces of incompletely burned carbon compounds.

Section 11- Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:
LD50 Oral (Rat): >16 ml/kg
LD50 Inhalation (Rat): 15956 ppm
LD50 Dermal (Rat): >2,000 mg/kg

Skin Corrosion/Irritation
No data.

Serious Eye Damage/Irritation
No data.

Respiratory/Skin Sensitization
No data.

Germ Cell Mutagenicity
No data.

Carcinogenicity
No component of these products present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, ACGIH or NTP.

Reproductive Toxicity
No data.

Specific Target Organ Toxicity – Single Exposure
No data.

Specific Target Organ Toxicity – Repeated Exposure
No data.

Aspiration Hazard
No data.

Potential Health Effects – Miscellaneous
No data.

Section 12 - Ecological Information

12.1 Toxicity

Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 0.46 mg/l
Toxicity to algae	EC50 (Selenastrum capricornutum (green algae)): >0.55 mg/l
M-Factor (Acute aquatic toxicity)	1
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC (Daphnia sp.): 0.08 mg/l

12.2 Persistence and Degradability
Not readily biodegradable.

12.3 Bioaccumulative Potential
Species: Cyprinus carpio (Carp) Bioconcentration factor (BCF): 2,410
Concentration: 0.04 mg/l

12.4 Mobility in Soil
No data.

12.5 Results of PBT and vPvB assessment
No data.

12.6 Other Adverse Effects
No data.

Section 13 - Disposal Considerations

13.1 Waste treatment methods
Under Resource Conservation and Recovery Act (RCRA) it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste as defined in 40 CFR Part 261. Waste management should be in full compliance with federal, state and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore to not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

Section 14 - Transport Information

Regulated by DOT / IMDG / IATA

14.1 UN number
DOT: - 1993 IMDG: - 1993 IATA: - 1993

14.2 UN proper shipping name
DOT: Flammable liquid, n.o.s. (Hexamethyldisiloxane)
IMDG: Flammable liquid, n.o.s. (Hexamethyldisiloxane)
IATA: Flammable liquid, n.o.s. (Hexamethyldisiloxane)

14.3 Transport hazard class(s)

DOT: - 3 IMDG: - 3 IATA: - 3

14.4 Packing group
DOT: - II IMDG: - II IATA: - II

14.5 Environmental hazards
DOT: - Marine pollutant IMDG: - Marine pollutant IATA: - Marine pollutant

14.6 Special precautions for user
No data available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

Section 15 - Regulatory Information

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture:

REACH: Regulation (EC) No 1907/2006 of The European Parliament and of The Council of December 2006 (including amendments and corrigenda as of 17 February 2016)
This product complies with REACH or is not subject to regulation under REACH. The product does not contain an ingredient listed on either the Candidate List or Authorization List for Substances of Very High Concern (SVHC).

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

Ingredients	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Xylene	1330-20-7	100	*
Ethylbenzene	100-41-4	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

In the United States (EPA Regulations)
TSCA Inventory Status (40 CFR710)
All components of this formulation are listed in the TSCA Inventory. No component of this formulation has been determined to be subject to manufacturing or use restrictions under the Significant New Use Rules (SNURs).

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

Superfund Amendments and Reauthorization Act of 1986 Title lll (Emergency Planning and Community Right-to-Know Act of 1986) Section 313
None known.

Superfund Amendments and Reauthorization Act of 1986 Title lll (Emergency Planning and community Right-to-Know Act of 1986) Sections 311 and 312
Fire

State Right-to-Know

Component	CAS#	State
Hexamethyldisiloxane	107-46-0	PA
Trimethylated silica treated with dimethyl siloxane	68-440-70-0	PA

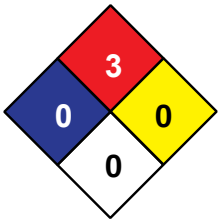
KEEP OUT OF REACH OF CHILDREN

WARNING: Known to the State of CA to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

15.2 Chemical safety assessment: No chemical safety assessment has been carried out for this substance/mixture by the supplier.

16 - Other Information

HMIS	
H	0
F	3
R	0



NFPA

Revision Date: 8/3/2018 Version: 3.0

Full text of H-Statements referred to under Sections 2 and 3.

H225 Highly Flammable liquid and vapor.

Abbreviations and acronyms

ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer

The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Smooth-On Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

SAFETY DATA SHEET
SDS No. 1627A
Revision Date: 12/13/2017
Version: 3.0

Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier
Trade Name: **Derma-Tac Remover**

1.2 Relevant identified uses of the substance or mixture and uses advised against
General Use: Intermediate, Binding Agent
Restrictions on Use: None known

1.3 Details of the supplier of the safety data sheet:
Company: Smooth-On, Inc.,
5600 Lower Macungie Rd., Macungie, PA 18062
Telephone: Phone (610) 252-5800

E-mail address of person responsible for the SDS: Visit our website at www.smooth-on.com or email sds@smooth-on.com

1.4 Emergency Contact: Chem-Tel Domestic: 800-255-3924 International: 813-248-0585

Section 2 – Hazard(s) Identification

2.1 Classification of the substance or mixture:

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

H227 Flammable Liquids – Category 4
H304 Aspiration Toxicant – Category 1

2.2 GHS Label elements, including precautionary statements

Pictogram(s):
Signal word: Danger

Health Hazards:
H227 Combustible liquid.
H304 May be fatal if swallowed and enters airways.
General Precautions:
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
Prevention Precautions:
P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.
Response Precautions:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
P331 Do not induce vomiting.

P370 + P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish.

Storage Precautions:

P403 Store in a well-ventilated place.

Disposal Precautions:

P501 Dispose of contents/container according to local, state and federal laws.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – none known

Section 3 - Composition / Information on Ingredients

3.1 Substances/Mixtures

The following ingredients are hazardous according to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200:

Hazardous components

Chemical name	Classification	Concentration (% w/w)
Naphtha (petroleum), Hydrotreated Heavy		
CAS-No. 64742-48-9	Flam. Liq. 2; Aspir. Tox. 1; H227, H304	<= 100

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

Eye Contact

Flush eyes with plenty of water. If irritation persists, seek medical attention.

Skin Contact

In the event of irritation, wash thoroughly with soap and water.

Ingestion

Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and specific treatment needed

Section 5 - Fire-Fighting Measures

5.1 Extinguishing Media

Water Fog, Dry Chemical, and Carbon Dioxide Foam

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for firefighters

Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off "fuel" to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure demand or positive-pressure mode.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Only properly protected personnel should remain in the spill area; dike and contain spill. Stop or reduce discharge if it can be done safely**.**

6.2 Environmental precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains or unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Put on appropriate protective gear including NIOSH/MSHA approved self-contained breathing apparatus, rubber boots and heavy rubber gloves. Dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be done safely**.** Follow applicable OSHA regulations (29 CFR 1910.120) for disposal.

6.4 Reference to other sections

See Section 3 for list of Hazardous Ingredients; Sections 8 for Exposure Controls; and Section 13 for Disposal.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. Use good general housekeeping procedures. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices.

Statlc Accumulator

This material is a static accumulator. A liquid is typically considered a nonconductive, static accumulator if its conductivity is below 1OO ps/m (1OOx1OE-12 Siemens per meter) and is considered a semi-conductive, static accumulator if its conductivity is below 10,000 ps/m. Whether a liquid is nonconductive or semi-conductive, the precautions are the same. Many factors, for example liquid temperature, presence of contaminants, anti-static additives and filkation can greatly influence the conductivity of a liquid.

7.2 Conditions for safe storage, including any incompatibilities

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well ventilated place away from heat, direct sunlight, strong oxidizers and any incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Avoid water contamination.

7.3 Specific end use(s)

These precautions are for room temperature handling. Other uses including elevated temperatures or aerosol/spray applications may require added precautions.

Section 8 - Exposure Controls / Personal Protection

8.1 Control parameters

Exposure limits/standards (Note: Exposure limits are not additive)

Substance Name	Form	Limit / Standard			NOTE	Source
Naphtha (petroleum), Hydrotreated Heavy						
		TWA	400 mg/m^3	100 ppm	N/A	OSHA Z1
	Vapor	RCP-TWA	1200 mg/m^3	171 ppm	Total Hydrocarbons	ExxonMobil

NOTE: Limits/standards shown for guidance only. Follow applicable regulations

No biological limits allocated

8.2 Exposure controls

Respiratory Protection

Respiratory protection is not normally required when using this product with adequate local exhaust ventilation. Where risk assessment shows air-purifying respirators are appropriate, follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators equipped with appropriate filter cartridges as a backup to engineering controls.

Hand Protection

Wear any liquid-tight gloves such as butyl rubber, neoprene or PVC.

Eye Protection

Safety glasses with side shields per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Other Protective Clothing/Equipment

Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

Comments

Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Wash thoroughly after handling.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid	**Vapor pressure:**	0.04 kPa (0.3 mm Hg) at 20 'C (calculated)
Odor:	Faint	**Vapor density (Air=1):**	5.6 at 1 01 kPa
Odor threshold:	No data	**Relative density:**	0.77
pH:	No data	**Solubility:**	Negligible in water

Melting / freezing point:	No data	**Viscosity:**	2.3 cSt at 20'C
Low / high boiling point:	190°C – 208°C	**Auto-ignition temperature:**	332°C
Flash Point:	62°C	**Decomposition temperature:**	No data
Evaporation rate:	No data	**Viscosity:**	No data
Flammability (solid, gas):	No data	**Explosive properties:**	No data
Upper/lower flammability or explosive limits:	0.7 / 6.0	**Specific Gravity (H2O=1, at 4 °C):**	No data

Section 10 - Stability and Reactivity

10.1 Reactivity
No hazardous reactions if stored and handled as prescribed/indicated., No corrosive effect on metal. Not fire propagating.

10.2 Chemical stability
These products are stable at room temperature in closed containers under normal storage and handling conditions.

10.3 Possibility of hazardous reactions
Hazardous polymerization cannot occur

.

10.4 Conditions to avoid
None known

10.5 Incompatible materials
Strong bases and acids

10.6 Hazardous decomposition products
Thermal oxidative decomposition can produce carbon oxides, gasses/vapors, and traces of incompletely burned carbon compounds.

Section 11- Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

Dermal	LD50 (Rabbit) > 5,000 mg/kg
Oral	LD50 (Rat) > 5,000 mg/kg
Inhalation	LC50 (Rat) 8 hrs > 5,000 mg/m^3 (Vapor)

Skin Corrosion/Irritation
May dry the skin leading to discomfort and dermatitis.

Serious Eye Damage/Irritation
May cause mild, short-lasting discomfort to eyes.

Respiratory/Skin Sensitization
Not expected to be a respiratory or skin sensitizer.

Germ Cell Mutagenicity
Not expected to be a germ cell mutagen.

Carcinogenicity

No component of these products present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, ACGIH or NTP.

Reproductive Toxicity
Not expected to be a reproductive toxicant.

Specific Target Organ Toxicity – Single Exposure
Not expected to cause organ damage from a single exposure

Specific Target Organ Toxicity – Repeated Exposure
Not expected to cause organ damage from prolonged or repeated exposure.

Aspiration Hazard
May be fatal if swallowed and enters airways.

Chronic Exposure
No data

Potential Health Effects – Miscellaneous
Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects. Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Small amounts of liquid aspirated jnto the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

Section 12 - Ecological Information

12.1 Toxicity
Toxicity to fish (Chronic toxicity)
NOEC Oncorhynchus mykiss (rainbow trout)): 0.21 mg/l; 28 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)
NOEC Daphnia magna (Water flea): 0.02 mg/l; 21 d

OECD Test Guideline 211

12.2 Persistence and Degradability
Not readily biodegradable

12.3 Bioaccumulative Potential
No data

12.4 Mobility in Soil
No data

12.5 Results of PBT and vPvB assessment
No data

12.6 Other Adverse Effects
No data

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Under Resource Conservation and Recovery Act (RCRA) it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste as defined in 40 CFR Part 261. Waste management should be in full compliance with federal, state and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore to not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

Section 14 - Transport Information

Not regulated by DOT, IATA or IMDG

14.1 UN number: none

14.2 UN proper shipping name: none

14.3 Transport hazard class(es): not applicable

14.4 Packing group: not applicable

14.5 Environmental hazards: none known

14.6 Special precautions for user: none known

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: not applicable

Section 15 - Regulatory Information

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture

REACH: Regulation (EC) No 1907/2006 of The European Parliament and of The Council of December 2006 (including amendments and corrigenda as of 17 February 2016)

This product complies with REACH or is not subject to regulation under REACH. The product does not contain an ingredient listed on either the Candidate List or Authorization List for Substances of Very High Concern (SVHC).

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLA petroleum exclusion applies tor this product. Contact local authorities to determine if other reporting requirements apply.

In the United States (EPA Regulations):

TSCA Inventory Status (40 CFR710)

All components of this formulation are listed in the TSCA Inventory. No component of this formulation has been determined to be subject to manufacturing or use restrictions under the Significant New Use Rules (SNURs).

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

SARA 313 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

SARA 311/312 Hazards
Fire, Immediate (Acute), Delayed (Chronic)

State Right-to-Know

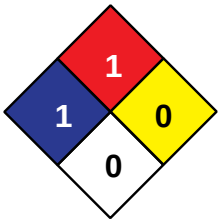
Component	CAS#	State
Naphtha (petroleum), Hydrotreated Heavy	64742-48-9	PA, NJ, MN

California Proposition 65
This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

15.2 Chemical safety assessment
No chemical safety assessment has been carried out for this substance/mixture by the supplier.

16 - Other Information

HMIS	
H	1
F	1
R	0



NFPA

Full text of H-Statements referred to under Sections 2 and 3.

H227	Combustible liquid
H304	May be fatal if swallowed and enters airways

Glossary
ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained

Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

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