

## Section 1: Product and Company Identification

### Product Identifier

**Product Form:** Mixture

**Product Name:** NZD | ISO FLUSH™ Isocyanate Cleaner

**Product #:** 02-W359585

**Intended Use of the Product:** Commercial, Industrial and Professional use only. Use as directed

[Details of the supplier of the safety data sheet](#)

### Manufacturer

Global Specialty Products - USA, Inc.

10 Eagle Avenue - Suite 500

Mount Holly, New Jersey 08060

[www.gsp-usa-inc.com](http://www.gsp-usa-inc.com)

**Telephone:** 609-518-7577 **Fax:** 609-518-5277 *Mon - Fri, 8am - 5 pm PST*

**Email:** [support@gsp-usa-inc.com](mailto:support@gsp-usa-inc.com)

**Chemical Emergency Number:** ChemTel: 1-800-255-3924

## Section 2: Hazards Identification

Classification (GHS-US) Classification of the mixture

**According to Regulation 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).**

### Label Elements

#### Hazard Pictograms (GHS-US)



**Signal Word (GHS-US):**

Warning

	Class	Code	Category	Statement
<b>Oral:</b>	Acute	H302	4	Harmful if swallowed
<b>Skin:</b>	Acute	H313	5	May be harmful in contact with skin
		H316	3	Causes mild skin irritation
<b>Eye:</b>		H319	2A	Causes serious eye irritation
<b>Inhalation:</b>		H333	5	May be harmful if Inhaled

### Precautionary Statements (GHS-US)

#### General precautionary statements

**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 precautionary statements

**P210:** Combustible Liquid - Keep away from heat/sparks/open flames/hot surfaces. No smoking

**P260:** Do not breathe vapors, mist, or spray; **P261:** Avoid breathing dust/fume/gas/mist/vapours/spray; **P262:** Do not get in eyes, on skin, or on clothing; **P264:** Wash thoroughly after handling; **P270:** Do not eat, drink or smoke when using this product; **P271:** Use only outdoors or in a well ventilated area; **P272:** Contaminated work clothing must not be allowed out of the workplace; **P273:** Avoid release to the environment;

**P280:** Wear protective clothing, protective gloves, eye protection.

## Section 2: Hazards Identification (cont'd)

### Precautionary Statements (GHS-US) cont'd

**P301+P330+P331 – IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor/physician. **P321 - See Section 4 on SDS (First aid measures)**

**P303+P313+P333+P353+P361+P363– IF ON SKIN (OR HAIR)** Take off immediately all contaminated clothing. Wash skin with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

**P304+P340 - IF INHALED:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**P305+P310 +P338 +P351- 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.

**Disposal: P501 -** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Other Hazards:** Exposure may irritate the respiratory tract (nose, throat, and lungs).

## Section 3: Composition/Information on Ingredients

### Mixture

Name	Product Identifier CAS #	% (w/w)	Exposure Limits
Dipropylene Glycol Monomethylether	34590-94-8	*Proprietary	<b>NIOSH REL:</b> : TWA 100 ppm (600 mg/m3) ST 150 ppm (900 mg/m3) [skin] <b>OSHA PEL</b> †: TWA 100 ppm (600 mg/m3) [skin]
Olefinic Hydrocarbon/Paraffin Mixture	64742-48-9	*Proprietary	Not Available
Terpene Hydrocarbon	68956-56-9	*Proprietary	Not Available

Contains no other hazardous components at 1% or more as listed or defined in 29 CFR 1910, Subpart Z. Contains no components that are reported to be carcinogenic by any reference source including IARC, OSHA, NTP and EPA. \* The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret (29 CFR 1910.1200) This product contains other important & proprietary ingredients (co-solvents, wetting agents, corrosion inhibitor, rinsing agent, etc.) **California Prop 65 Components:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**DOES NOT contain raw materials listed on SECTION 112(b) OF HAZARDOUS AIR POLLUTANTS.**

## Section 4: First Aid Measures

### Description of First Aid Measures

**GENERAL:** Never give anything to an unconscious person. If Exposed or Concerned; Get medical advice/attention immediately.

**INHALATION:** When symptoms occur remove to fresh air immediately. Keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a POISON CENTER, doctor or physician immediately.

Ventilate suspected area. **SKIN CONTACT:** Wear natural rubber gloves to protect your skin. Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice and attention immediately. Wash contaminated clothing before reuse.

**EYE CONTACT:** **This product is non-corrosive and water miscible.** In case of eye contact, immediately flush eyes with plenty of water (for at least 15 minutes), remove contact lenses, if present and easy to do so. Continue rinsing until the irritation stops. Call a physician if the irritation persists. **INGESTION:** If swallowed, rinse mouth do not induce vomiting. Get medical advice and attention. Never give anything by mouth to an unconscious person. **NOTE TO PHYSICIANS:** To prepare activated charcoal slurry suspend 50 g activated charcoal in 400 ml water in plastic bottle and shake well. Administer 5 ml/kg, or 350 ml for an average adult.

### Most Important Symptoms and Effects Both Acute and Delayed

**According To MSDSs supplied by the Raw Material Suppliers™**, the ingredients are moderate to strong skin and eye irritant. They may affect the central nervous system causing dizziness, headache or nausea. They may affect eye, skin and respiratory tract irritation. The product will be harmful if inhaled. **INHALATION:** Moderate to strong hazard for usual Industrial handling.

**INGESTION:** Toxicity reports from raw material suppliers described from repeated exposure include weight gain, but there have been no pathological abnormalities noted. According to the suppliers of the raw materials in this product, the ingredients do not produce genetic damage in animals or in bacterial cell cultures, and do not have developmental or reproductive effects.

**CARCINOGENS:** **None of the components in this product are listed by IARC, OSHA, NTP, EPA or ACGIH as a carcinogen.**

**SIGNS AND SYMPTOMS OF EXPOSURE:** Skin irritation or dermatitis, eye irritation or inflammation, pallor nausea, lack of coordination.

### Indication of Any Immediate Medical Attention and Special Treatment Needed:

If medical advice is needed, have product container or label at hand.

## Section 5: Fire Fighting Measures

### Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Water Spray, CO<sub>2</sub>, Dry Chemical, Foam

Unsuitable Extinguishing Media: Use of heavy stream of water may spread fire.

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not flammable - this product is Combustible

**Explosion Hazard:** Product is not explosive

**Reactivity:** Hazardous reactions will not occur under normal conditions. May react vigorously with strong acids, Oxidizers or Reducing agents. Dangerous fire hazard when exposed to heat or flame.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire. Under fire condition, hazardous fumes will be present.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Irritating or toxic vapors.

**Special Fire Fighting Procedures:** Keep personnel removed and upwind of fire. Firefighters should wear protective clothing to prevent contact with skin and eyes. Wear positive pressure self contained breathing apparatus

**Reference to Other Sections - Refer to section 9 for flammability properties. Refer to section 16 for NFPA information.**

## Section 6: Accidental Release Measures

### Steps To Take If Material Is Released/Spilled/Leaks

**NOTE:** Review Fire And Explosion Hazards and Safety Precautions before proceeding with clean up.

Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Remove source of heat, sparks, flame, impact, friction or electricity.

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray. Spilled material may present a slipping hazard.

### For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

### For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect one-self and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

**Environmental Precautions** Prevent liquid from entering sewers, waterways or low areas. Recover free liquid for reuse or reclamation.

Recover undamaged and minimally contaminated material for reuse or reclamation. Contact competent authorities after a spill.

### Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Keep in suitable, closed containers for disposal.

### Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

## Section 7: Handling and Storage

### Precautions for Safe Handling

**Additional Hazards When Processed:** Provide general ventilation. Where adequate ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls. Do Not Heat or Atomize this product. If this material is handled under mist forming conditions, approved respiratory protection equipment should be used.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Container remains hazardous when empty. Continue to observe all precautions.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container tightly closed. Keep in original container.

**Incompatible Materials:** Strong Oxidizers. Reducing agents. Strong Acid.

**Specific End Use(s):** Commercial use. For professional use only.

## Section 8: Exposure Controls/Personal Protection

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

### Exposure Controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics (apron, boots or whole bodysuit made from butyl rubber as appropriate)

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye / Face Protection:** Safety glasses with side shields, or goggles, are recommended.

**Insufficient ventilation:** Wear respiratory protection.

**Respirators** - A NIOSH/MSHA approved air purifying respirator with a organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

## Section 9: Physical and Chemical Properties

Appearance	Clear Liquid
Odor	Mild
Odor Threshold	N/A
pH (50% solution in water @ 68 °F):	6.2 - 6.5
Melting point/Freezing point	N/A
Initial boiling point and boiling range (@ 760 [mm Hg])	385 - 485 °F
Flash point	147.50 °F (Tag Closed Cup)
Evaporation rate (nBuAc = 1.00)	N/A
Specific Gravity (@ 68 °F):	0.895 - 0.9000
Flammability (solid, gas)	N/A
Upper/lower flammability or explosive limits	N/A
Vapor pressure (@ 25 °C [mm Hg])	0.8000
Vapor density	N/A
Relative density	N/A
Solubility (ies)	Partially Miscible
Partition coefficient: n-octanol/water	N/A
Auto-ignition temperature	N/A
Decomposition temperature	N/A
Viscosity @68°F (water=1.0)	Water thin
Weight/Gallon	7.5 (lbs. / gal.)
Normal Working Concentrations/Temperature	Full Strength @ Room Temperature Only - Do Not Heat or Atomize
VOC Content (ASTM D-2369, Method 24)	5.9 lbs./gal or 669.0 grams/liter
Recycling Parameters (Vacuum Distillation)	300 °F and 27 mm Hg Pressure

## Section 10: Stability and Reactivity

**Reactivity:** Hazardous reactions will not occur under normal conditions. May react vigorously with strong acids.

**Chemical Stability:** The product is stable at normal handling and storage conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Moisture. Extremely high or low temperatures. Incompatible materials.

**Incompatible Materials:** Acids. Oxidizers. Reducing agents.

**Hazardous Decomposition Products:** Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Irritating or toxic vapors.

## Section 11: Toxicological Information

### Information on Toxicological Effects - Components

#### Dipropylene Glycol Monomethylether

CAS # 34590-94-8

##### Acute Toxicity

###### Ingestion

LD50, rat > 5,000 mg/kg

Dermal LD50, rabbit 9,510 mg/kg

**Inhalation** No deaths occurred at this concentration. LC50, 7 h, Vapor, rat 3.35 mg/l

**Eye damage/eye irritation** May cause slight temporary eye irritation. Corneal injury is unlikely.

**Skin corrosion/irritation** Prolonged exposure not likely to cause significant skin irritation.

**Sensitization** Skin Did not cause allergic skin reactions when tested in humans.

**Respiratory** No relevant data found. Repeated Dose Toxicity Symptoms of excessive exposure may be anesthetic or narcotic effects; dizziness and drowsiness may be observed.

**Chronic Toxicity and Carcinogenicity** For similar material(s): Did not cause cancer in laboratory animals.

**Developmental Toxicity** Did not cause birth defects or any other fetal effects in laboratory animals. Reproductive Toxicity For similar material(s): In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals.

**Genetic Toxicology** In vitro genetic toxicity studies were negative.

#### Olefinic Hydrocarbon/Paraffin Mixture

CAS# 64742-48-9

##### Acute toxicity:

LD/LC50 values that are relevant for classification: 64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >3000 mg/kg (rab)

##### Primary irritant effect:

**On the skin:** No irritant effect. **On the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

##### Additional toxicological information:

**Carcinogenic categories IARC (International Agency for Research on Cancer)** Substance is not listed.

**NTP (National Toxicology Program)** Substance is not listed

#### Terpene Hydrocarbon

68956-56-9

**RTECS#:** CAS# 68956-56-9 unlisted. **LD50/LC50:** Not available.

**Carcinogenicity:** Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Epidemiology:** No information found

**Teratogenicity:** No information found

**Reproductive Effects:** No information found

**Mutagenicity:** No information found

**Neurotoxicity:** No information found

**Other Studies:** No information found

## Section 12: Ecological Information

### Information on Ecological Effects - Components

#### **Dipropylene Glycol Monomethylether**

CAS # 34590-94-8

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

**Fish Acute & Prolonged Toxicity LC50, *Poecilia reticulata* (guppy), static test, 96 h: > 1,000 mg/l**

**Aquatic Invertebrate Acute Toxicity LC50, *Daphnia magna* (Water flea), static test, 48 h, lethality: 1,919 mg/l LC50, *Crangon crangon* (shrimp), semi-static test, 96 h: > 1,000 mg/l**

**Aquatic Plant Toxicity ErC50, *Pseudokirchneriella subcapitata* (green algae), static test, biomass growth inhibition, 96 h: > 969 mg/l**

**Aquatic Invertebrates Chronic Toxicity Value *Daphnia magna* (Water flea), flow-through test, 22 d, NOEC:**

> 0.5 mg/l, LOEC: > 0.5 mg/l

#### **Persistence and Degradability**

Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Material is ultimately biodegradable (reaches > 70% biodegradation in OECD test(s) for inherent biodegradability).

**OECD Biodegradation Tests:** Biodegradation Exposure Time Method 10 Day Window 75 % 28 d OECD 301F Test pass

**Indirect Photodegradation with OH Radicals Rate Constant Atmospheric Half-life Method**

5.00E-05 cm<sup>3</sup>/s 3.4 - 10.4 h Estimated.

**Biological oxygen demand (BOD):** BOD 5 BOD 10 BOD 20 BOD 28 0 % 0 % 31.6 %

**Chemical Oxygen Demand:** 2.02 mg/mg

**Theoretical Oxygen Demand:** 2.06 mg/mg Bioaccumulative potential Bioaccumulation:

**Bioconcentration potential** is low (BCF < 100 or Log Pow < 3).

**Partition coefficient, n-octanol/water (log Pow):** 1.01 Measured

#### **Mobility in soil**

**Mobility in soil:** Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process., Potential for mobility in soil is very high (Koc between 0 and 50).

**Partition coefficient, soil organic carbon/water (Koc):** 0.28 Estimated.

**Henry's Law Constant (H):** 1.6E-07 atm\*m<sup>3</sup>/mole; 25 °C Estimated.

#### **Olefinic Hydrocarbon/Paraffin Mixture**

CAS# 64742-48-9

**Toxicity:** Aquatic toxicity: No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Behavior in environmental systems:** Bioaccumulative potential: No further relevant information available.

**Mobility in soil:** No further relevant information available.

#### **Additional ecological information:**

**General notes:** Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

#### **Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available

#### **Terpene Hydrocarbon**

CAS# 68956-56-9

**Ecotoxicity:** No data available. No information available.

**Environmental:** No information available.

**Physical:** No information available.

**Other:** Do not empty into drains.



## Section 13: Disposal Considerations

**Sewage Disposal Recommendations:** Do not empty into drains; dispose of this material and its container in a safe way.

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations. **Waste characterizations and compliance with applicable laws are solely the responsibility of the waste generator**

**Additional Information:** Container remains hazardous when empty. Continue to observe all precautions. This product, if discarded, would not be a hazardous waste by listing and is not expected to be a characteristic hazardous waste. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

## Section 14: Transport Information

Proper Shipping Name:	NZD   ISO FLUSH™ ISOCYANATE CLEANERR
DOT Identification Number:	Class 55
NMFC Number:	4858003
Land DOT Hazard Class:	Combustible Liquid (NO ODCs, NON-FLAMMABLE, NON-CORROSIVE, WATER-MISCIBLE)
Hazardous Ingredients:	See Section I, VI and Section IX
In Accordance with IMDG	Not regulated for transport
In Accordance with IATA	Not regulated for transport
In Accordance with TDG	Not regulated for transport

## Section 15: Regulatory Information

### OSHA Hazard Communication Standard (Components)

#### Dipropylene Glycol Monomethylether

CAS # 34590-94-8

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312 Immediate (Acute) Health Hazard; Yes**

**Delayed (Chronic) Health Hazard; No**

**Fire Hazard; Yes**

**Reactive Hazard; No**

**Sudden Release of Pressure Hazard; No**

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986)**

**Section 313:** To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List:**

The following product components are cited in the Pennsylvania Hazardous Substance List and/or the Pennsylvania Environmental Substance List, and are present at levels which require reporting.

**Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List:**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

## Section 15: Regulatory Information (cont'd)

### OSHA Hazard Communication Standard (Components)

#### Dipropylene Glycol Monomethylether

CAS# 34590-94-8

#### California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

#### US. Toxic Substances Control Act

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

#### CEPA - Domestic Substances List (DSL)

This product contains one or more substances which are not listed on the Canadian Domestic Substances List (DSL).

#### Olefinic Hydrocarbon/Paraffin Mixture

CAS# 64742-48-9

#### Safety, health and environmental regulations/legislation specific for the substance or mixture SARA

**Section 355 (extremely hazardous substances):** Substance is not listed.

**Section 313 (Specific toxic chemical listings):** Substance is not listed.

**TSCA (Toxic Substances Control Act):** Substance is listed.

**Proposition 65 Chemicals known to cause cancer:** Substance is not listed.

**Chemicals known to cause reproductive toxicity for females:** Substance is not listed.

**Chemicals known to cause reproductive toxicity for males:** Substance is not listed.

**Chemicals known to cause developmental toxicity:** Substance is not listed.

**Carcinogenic categories EPA (Environmental Protection Agency)** Substance is not listed.

**TLV (Threshold Limit Value established by ACGIH)** Substance is not listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health)** Substance is not listed.

**OSHA-Ca (Occupational Safety & Health Administration)** Substance is not listed

**GHS label elements** The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms GHS08 Signal word Danger



**Hazard-determining components of labelling:** Naphtha (petroleum), hydro treated heavy

**Hazard statements** Combustible liquid. May be fatal if swallowed and enters airways.

#### Precautionary statements

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Store locked up. Store in a well-ventilated place. Keep cool

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

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

#### Terpene Hydrocarbon

CAS# 68956-56-9

#### US FEDERAL

**TSCA CAS# 68956-56-9** is listed on the TSCA inventory.

**Health & Safety Reporting List** None of the chemicals are on the Health & Safety Reporting List.

**Chemical Test Rules** None of the chemicals in this product are under a Chemical Test Rule.

**Section 12b** None of the chemicals are listed under TSCA Section 12b.

**TSCA Significant New Use Rule** None of the chemicals in this material have a SNUR under TSCA.

**CERCLA Hazardous Substances and corresponding RQs** None of the chemicals in this material have an RQ.

**SARA Section 302 Extremely Hazardous Substances** None of the chemicals in this product have a TPQ.

**Section 313** No chemicals are reportable under Section 313.

#### Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.



## Section 15: Regulatory Information (cont'd)

### OSHA Hazard Communication Standard (Components)

#### Terpene Hydrocarbon (Cont'd)

CAS# 68956-56-9

#### US FEDERAL

##### Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**OSHA:** None of the chemicals in this product are considered highly hazardous by OSHA.

#### STATE

CAS# 68956-56-9 can be found on the following state right to know lists: New Jersey.

#### California Prop 65

**California No Significant Risk Level: None of the chemicals in this product are listed.**

#### European/International Regulations

European Labeling in Accordance with EC Directives

**Hazard Symbols:** XI N

##### Risk Phrases:

R 10 Flammable.

R 38 Irritating to skin.

R 43 May cause sensitization by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

##### Safety Phrases:

S 2 Keep out of reach of children.

S 24 Avoid contact with skin.

S 37 Wear suitable gloves.

S 60 This material and its container must be disposed of as hazardous waste.

S 61 Avoid release to the environment.

Refer to special instructions /safety data sheets.

#### WGK (Water Danger/Protection)

CAS# 68956-56-9: No information available.

#### Canada - DSL/NDSL

CAS# 68956-56-9 is listed on Canada's DSL List.

**Canada - WHMIS** This product has a WHMIS classification of B3, D2B, D2A.

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

#### Canadian Ingredient Disclosure List

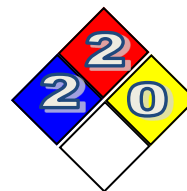
## Section 16: Other Information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### Rating

0	Non Regulated
1	Low
2	Moderate
3	High
4	Extreme

HMIS RATING	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PROTECTION	0



### HMIS (Hazardous Material Information Association)

### NFPA (National Fire Protection System)

Recommended monitoring method  
Exposure controls

None

Appropriate engineering controls

Not normally required.

Personal protection equipment  
Eye/face protection

Wear protective eye glasses for protection against liquid splashes.



Skin protection  
(Hand protection/ Other)

The following to be used as necessary:  
Gloves (Neoprene or Natural rubber).

Respiratory protection



**Insufficient ventilation:** Wear respiratory protection.

**Respirators** - A NIOSH/MSHA approved air purifying respirator with a organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Thermal hazards

None

Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

**The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with Federal, State or Provincial, and local laws. The following specific information is made for the purpose of complying with numerous Federal, State or Provincial, and local laws and regulations. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.**