

# SAFETY DATA SHEET

## DYNACHEM 6 A

### Section 1. Identification

**GHS product identifier** : DYNACHEM 6 A

**Other means of identification** : Not available.

**Product type** : Liquid

**Product code** : 5106000000

**Relevant identified uses of the substance or mixture and uses advised against**

**Product use: For professional use only.** Industrial applications: Rust inhibitors

**Supplier's details** : Lozier Oil Company  
1 Sunny St.  
Farmington, IL 61531  
Tel: 309-245-4846  
Fax: 309-245-4888

**Emergency phone number** : Chemtrec: 1-800-424-9300 (U.S. and Canada)  
+1-703-507-3887 (International)

### Section 2. Hazard identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture**: FLAMMABLE LIQUIDS – Category 4  
SKIN IRRITATION – Category 2  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) – Category 3  
ASPIRATION HAZARD – Category 1

**GHS Hazard Symbols** :



**Signal Word** : Danger

**Hazard Statements** : Combustible liquid  
May be fatal if swallowed and enters airways  
Causes skin irritation  
May cause drowsiness or dizziness.

## Precautionary Statements

### Prevention

: Wear protective gloves, protective clothing and eye or face protection. Keep away from flames and hot surfaces. No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash thoroughly after handling.

### Response

: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention.

### Storage

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

### Disposal

: Dispose of content and container in accordance with local, regional, national and international regulations.

### Hazards not otherwise classified

: None known.

## Section 3. Composition/information on ingredients

### Substance/mixture

: Mixture

### Other means of identification

: Not available

Ingredient name	%	CAS number
Distillated (petroleum), hydrotreated middle	≥50 - ≤75	64742-46-7
Naphtha (petroleum), heavy alkylate	≥50 - ≤75	64741-65-7
Alkenes, C20-24 a-	≤10	93924-10-8
Calcium sulfonate	Proprietary	-

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. Fire-aid measures

### Description of necessary measures

#### Eye Contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

#### Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.  
**Skin contact** : Causes skin irritation.  
**Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

##### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:  
Pain or irritation  
Watering  
Redness  
**Inhalation** : Adverse symptoms may include the following:  
Nausea or vomiting  
Headache  
Drowsiness/fatigue  
Dizziness/vertigo  
Unconsciousness  
**Skin contact** : Adverse symptoms may include the following:  
Irritation  
Redness  
**Ingestion** : Adverse symptoms may include the following:  
Nausea or vomiting

##### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. IF it is suspected that fumes are present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

##### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

**Specific hazards arising from the chemical** : Combustible liquid. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
Carbon dioxide  
Carbon monoxide

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal cautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flames, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information for “non-emergency personnel”.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows: contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 or emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respiratory when ventilation is adequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.

- Advice on general occupations hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

### Occupational exposure limits

Ingredient Name	Exposure limits
Distillates (petroleum), hydrotreated middle	<b>NIOSH REL (United States, 10/2016)</b> TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Mist. STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist.
Naphtha (petroleum), heavy alkylate	None.
Alkenes, C20-24 a-	None.
Calcium sulfonate	None.

- Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measure, such as personal protective equipment:

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face Protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin Protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

- Body protection** : Personal protective equipment for body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid
- Color** : Amber to Brown
- Odor** : Aromatic. Hydrocarbon.
- pH** : Not applicable.
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: 77.1°C (170.8°F) [Pensky-Martens]
- Evaporation Rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Upper flammability or explosive limits** : Not available
- Lower flammability or explosive limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Density** : 0.816 g/cm<sup>3</sup> [15.6°C (60.1°F)]
- Solubility** : Insoluble in the following materials: cold water and hot water.
- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available
- Viscosity** : Kinematic (40°C (104°F)): 0.0423 cm<sup>2</sup>/sec (4.23 cSt)
- VOC** : 377 g/L
- VOC Method** : ASTM E 1868

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients
- Chemical stability** : This product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, blaze, solder, drill, grind, or expose containers to heat or sources of ignition.
- Incompatible materials** : Reactive or incompatible with the following materials:  
Oxidizing materials

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Distillates (petroleum), hydrotreated middle	LC50 Inhalation Dusts and mists	Rat	1.78 mg/l	4 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Naphtha (petroleum), heavy alkylate	LC50 Inhalation Vapor	Rat	>200 mg/l	4 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Alkenes, C20-24 a-	LD50 Oral	Rat	>5000 mg/kg	-
Calcium sulfonate	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-

**Conclusion/summary** : Harmful by inhalation

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Naphtha (petroleum), heavy alkylate	Skin – Irritant	Rabbit	-	-	-

#### Conclusion/summary

**Skin** : Causes skin irritation. Repeated exposure may cause skin dryness or cracking. Repeated or prolonged contact with irritants may cause dermatitis.

#### Sensitization

Product/ingredient name	Route of exposure	Species	Result
Calcium sulfonate	Skin	Guinea pig	Sensitizing

#### Mutagenicity

##### **Conclusion/Summary**

There are no data available on the mixture itself. Mutagenicity not suspected for humans.

#### Carcinogenicity

##### **Conclusion/Summary**

There are no data available on the mixture itself. Carcinogenicity not suspected for humans.

#### Reproductive Toxicity

##### **Conclusion/Summary**

There are no data available on the mixture itself. Not considered to be dangerous to humans.

#### Teratogenicity

##### **Conclusion/Summary**

There are no data available on the mixture itself. Teratogenicity not suspected for humans.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Naphtha (petroleum), heavy alkylate	Category 3	-	Narcotic effects

#### Specific target organ toxicity (repeated exposure)

Not available.



## Aspiration hazard

<b>Ingredient Name</b>	<b>Result</b>
Distillates (petroleum), hydrotreated middle	ASPIRATION HAZARD – Category 1
Naphtha (petroleum), heavy alkylate	ASPIRATION HAZARD – Category 1
Alkenes, C20-24 a-	ASPIRATION HAZARD – Category 1

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.  
**Skin contact** : Causes skin irritation  
**Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following:  
Pain or irritation  
Watering  
Redness  
**Inhalation** : Adverse symptoms may include the following:  
Nausea or vomiting  
Headache  
Drowsiness/fatigue  
Dizziness/vertigo  
Unconsciousness  
**Skin contact** : Adverse symptoms may include the following:  
Irritation  
Redness  
**Ingestion** : Adverse symptoms may include the following:  
Nausea or vomiting

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available  
**Potential delayed effects** : Not available

#### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

### Potential chronic health effects

**Conclusion/Summary** : There are no data available on the mixture itself. No known significant effects or critical hazards.  
**General** : No known significant effects or critical hazards.  
**Carcinogenicity** : No known significant effects or critical hazards.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.

## Numerical measures of toxicity

### Acute toxicity estimates

<b>Route</b>	<b>ATE Value</b>
Oral	114743.44 mg/kg
Dermal	114743.44 mg/kg



## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Calcium sulfonate	EC50 > 100 mg/l EC50 > 1000 mg/l LC50 > 100 mg/l NOEC > 100 mg/l	Algae Daphnia Fish Fish	3 days 2 days 4 days 4 days

**Conclusion/Summary** : Toxic to aquatic life with long lasting effects

### Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
Calcium sulfonate	-	8% - Not readily – 28 days	-	-
Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability	
Calcium sulfonate	-	-	Not readily	

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Alkenes, C20-24 a-	>6	2.64	Low
Calcium sulfonate	26.22	-	high

### Mobility in soil













**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available

**Other adverse effects** : No known significant effects or critical hazards

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport Information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	UN1993	UN1993	UN1993	UN1993	UN1993	UN1993
<b>Un proper shipping name</b>	FLAMMABLE LIQUIDS, N.O.S (Naphtha (petroleum), heavy alkylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S (Distillates (petroleum), hydrotreated middle, naphtha (petroleum), heavy alkylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S (Distillates (petroleum), hydrotreated middle, naphtha (petroleum), heavy alkylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S (Distillates (petroleum), hydrotreated middle, naphtha (petroleum), heavy alkylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S (Distillates (petroleum), hydrotreated middle, naphtha (petroleum), heavy alkylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S (Distillates (petroleum), hydrotreated middle, naphtha (petroleum), heavy alkylate)
<b>Transport hazard class(es)</b>	3  	9  	9  	9  	9  	9  
<b>Packing group</b>	III	III	III	III	III	III
<b>Environmental hazard</b>	No.	Yes.	Yes.	Yes	Yes.	Yes.

### Additional information DOT Classification

: This product may be re-classified as “Combustible Liquid”, unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) or combustible liquids, that are marine pollutants, are not regulated as hazardous materials, unless transported by vessel.

This product is not regulated as a marine pollutant when transported on inland waterway in sizes of ≤5 L or ≤5 kg. or by road, rail, or inland air in non-bulk sizes, provided the packaging meets the general provisions of 173.24 and 173.24a.

### TDG Classification

: Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.43-2.45 (Class 9), 2.7 (Marine pollutant mark). Non-bulk packages of this product are not regulated as dangerous goods when transported by road or rail.

### Mexico Classification

: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.

### ADR/RID

: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg, provided the packaging meets the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8

### IMDG

: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg, provided the packaging meets the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8

### IATA

: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg, provided the packaging meets the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8

### Special precautions for user

: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

### Transport in bulk according to Annex II of MARPOL and the IBC Code

: Not available.

## Section 15. Regulatory information

**U.S Federal regulations** : TSCA 8(a) PAIR: naphthalene  
 TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
 Clean Water Act (CWA) 307: ethylbenzene; naphthalene; benzene; toluene  
 Clean Water Act (CWA) 311: formic acid; ethylbenzene; naphthalene; benzene;  
 toluene

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List 1 (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

No products were found

**SARA 304 RQ** : Not applicable.

### SARA 311/312

**Classification** : FLAMMABLE LIQUIDS – Category 4  
 SKIN IRRITATION – Category 2  
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) – Category 3  
 ASPIRATION HAZARD – Category 1

#### Composition/information on ingredients

Name	%	Classification
Distillated (petroleum), hydrotreated middle	≥50 - ≤75	ASPIRATION HAZARD – Category 1
Naphtha (petroleum), heavy alkylate	≥10 - ≤25	FLAMMABLE LIQUIDS – Category 3 SKIN IRRITATION – Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) – Category 3 ASPIRATION HAZARD – Category 1
Alkenes, C20-24 a-	≤10	ASPIRATION HAZARD – Category 1
Calcium sulfonate	Proprietary	SKIN SENSITIZATION – Category 1B

### SARA313

Component	Product name	CAS number	%
Form R – Reporting Requirements	No listed substance		
Supplier notification	No listed substance		

State regulations

Massachusetts

: The following components are listed: OIL MIST, MINERAL; OIL MIST, MINERAL; OIL MIST, MINERAL

New York

: None of the components are listed


New Jersey

: The following components are listed: MINERAL OIL (UNTREATED and MILDLY TREATED)

Pennsylvania

: None of the components are listed.

California Prop. 65

 **WARNING:** This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to chemicals including Ethylbenzene and Naphthalene, which are known to the State of California to cause cancer, and Toluene, which is 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)

Ingredient name	Concentration (%)	No significant risk level ['-' (Dash Symbol) means no Safe Harbor level established]	Maximum acceptable dosage level ['-' (Dash Symbol) means no Safe Harbor level established]
Ethylbenzene	0.00000045	54 ug/day (Inhalation) [No significant risk level – inhalation] 41 ug/day (Ingestion) [No significant risk level – oral intake]	-
Naphthalene	0.00000045	5.8 ug/day [No significant risk level]	-
Benzene	0.00000000015	13 ug/day Inhalation) [No significant risk level – inhalation] 6.4 ug/day (Ingestion) [No significant risk level – oral intake]	49 ug/day (Inhalation) [Maximum Allowable Dose Levels (MADLs) for reproductive toxicity, California P65 Safe Harbor Levels – Inhalation] 24 ug/day (Ingestion) – [Maximum Allowable Dose Levels (MADLs) for reproductive toxicity, California P65 Safe Harbor Levels – Oral]
Toluene	0.00000000015	-	7000 ug/day (Ingestion) [Maximum Allowable Dose Levels (MADLs) for reproductive toxicity, California P65 Safe Harbor Levels – Oral]

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A,B,C,E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

## Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

## UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

## International Lists

<b>Australia</b>	:	At least one component is not listed.
<b>Canada</b>	:	All components are listed or exempted.
<b>China</b>	:	At least one component is not listed.
<b>Europe</b>	:	To obtain information on the REACH compliance status of this product, please e-mail <a href="mailto:REACH@SDSInquiries.com">REACH@SDSInquiries.com</a>
<b>Japan</b>	:	At least one component is not listed.
<b>New Zealand</b>	:	All components are listed or exempted.
<b>Philippines</b>	:	At least one component is not listed.
<b>Republic of Korea</b>	:	At least one component is not listed.
<b>Taiwan</b>	:	At least one component is not listed.
<b>United States</b>	:	All components are listed or exempted.

## Section 16. Other information

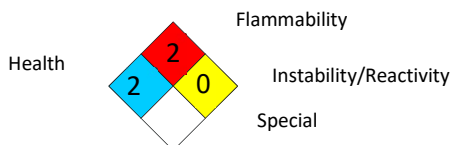
### Hazardous Material Information System (U.S.A.)

Health	/	2
Flammability		2
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

### National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

<b>Classification</b>	<b>Justification</b>
FLAMMABLE LIQUIDS – Category 4	On basis of test data
SKIN IRRITATION – Category 2	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) – Category 3	Calculation method
ASPIRATION HAZARD – Category 1	Calculation method

### History

**Date of issue/Date of revision** : 4/13/2021

**Date of previous issue** : 7/27/2020

**Version** : 3

### **Key to abbreviations**

: ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 UN = United Nations Not available.

### **References**

: Not available.

**Indicates information that has changed from previously issued version.**

### Notice to reader

**To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**

**Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**