



# SAFETY DATA SHEET

US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 03-Jun-2022

Revision Date 03-Jun-2022

Revision Number 1

## 1. Identification

### Product identifier

Product Name Diesel Cold Flow

### Other means of identification

Product Code(s) ADD

UN/ID no UN1993

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended use Diesel fuel Additive

Restrictions on use Avoid formation of mists

### Details of the supplier of the safety data sheet

#### Initial supplier identifier

AMSOIL INC.  
Bay Adelaide Centre, East  
Tower  
22 Adelaide St. W  
Toronto, ON, Canada M5H 4E3  
T:+1 877-822-5172

#### Manufacturer Address

AMSOIL INC.  
One AMSOIL Center  
Superior, WI 54880, USA  
T: +1 715-392-7101

E-mail compliance@amsoil.com

### Emergency telephone number

Emergency telephone CHEMTREC: Within USA and Canada: 1-800-424-9300  
Outside the USA and Canada: +1 703-741-5970  
(collect calls accepted) 24/7

## 2. Hazard(s) identification

### Classification

Carcinogenicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration hazard	Category 1
Flammable liquids	Category 3

### Label elements

Danger

**Hazard statements**

Flammable liquid and vapor.  
 May cause cancer.  
 May cause respiratory irritation.  
 May cause drowsiness or dizziness.  
 May cause damage to organs through prolonged or repeated exposure.  
 May be fatal if swallowed and enters airways.

**Precautionary Statements - Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection and face protection. Do not breathe dust, fume, gas, mist, vapors and spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and .? equipment. Use only non-sparking tools. Take action to prevent static discharges. Keep cool.

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label). IF exposed or concerned: Get medical advice/attention.

**Skin**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water and then shower.

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion**

IF SWALLOWED: Immediately call a doctor. Do NOT induce vomiting.

**Fire**

In case of fire: Use CO2, dry chemical, or foam to extinguish.

**Precautionary Statements - Storage**

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

**Precautionary Statements - Disposal**

Dispose of contents and container to an approved waste disposal plant.

**Other information**

May be harmful in contact with skin. May be harmful if inhaled. Causes mild skin irritation. Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

### 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture**

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Benzene, 1,2,4-trimethyl-	95-63-6	5-10	-	-
Naphthalene	91-20-3	1-5	-	-
Xylene	1330-20-7	1-5	-	-
Ethylbenzene	100-41-4	1-5	-	-
Cumene	98-82-8	0.1-1	-	-

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### Chemical Additions

The classification as a carcinogen does not apply as it can be shown that the substance(s) contain(s) less than 3% DMSO extract as measured by IP 346.

## 4. First-aid measures

### Description of first aid measures

<b>General advice</b>	IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
<b>Inhalation</b>	Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical attention. Delayed pulmonary edema may occur.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical attention.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

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

<b>Symptoms</b>	May cause gastrointestinal discomfort if consumed in large amounts. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness and difficulty breathing. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.
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### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.
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## 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards arising from the chemical</b>	Containers can burst or explode when heated, due to excessive pressure build-up. Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing

water must be disposed of in accordance with local regulations. Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous combustion products** Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** Yes.

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

**Other information** Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

### Methods and material for containment and cleaning up

**Methods for containment** Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**Reference to other sections** For additional information see: Section 8: Exposure controls/personal protection; Section 12: Ecological information; Section 13: Disposal considerations.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Avoid contact with used product. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Do not reuse empty containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in

accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

Under conditions which may generate mists, the following exposure limits are recommended: Long-term exposure limit (8-hour TWA): 5 mg/m<sup>3</sup>. Short-term exposure limit (15-minute): 10 mg/m<sup>3</sup>.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	
Benzene, 1,2,4-trimethyl- 95-63-6	TWA: 10 ppm	-	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>	
Naphthalene 91-20-3	TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m <sup>3</sup> (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m <sup>3</sup>	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> STEL: 15 ppm STEL: 75 mg/m <sup>3</sup>	
Xylene 1330-20-7	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m <sup>3</sup>	-	
Ethylbenzene 100-41-4	Ototoxicant - potential to cause hearing disorders TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m <sup>3</sup>	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 125 ppm STEL: 545 mg/m <sup>3</sup>	
Cumene 98-82-8	TWA: 5 ppm	TWA: 50 ppm TWA: 245 mg/m <sup>3</sup> (vacated) TWA: 50 ppm (vacated) TWA: 245 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m <sup>3</sup>	
Chemical name	Alberta	British Columbia	Ontario	Quebec
Naphthalene 91-20-3	TWA: 10 ppm TWA: 52 mg/m <sup>3</sup> STEL: 15 ppm STEL: 79 mg/m <sup>3</sup> Skin	TWA: 10 ppm Skin	TWA: 10 ppm Skin	TWA: 10 ppm Skin
Xylene 1330-20-7	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 150 ppm STEL: 651 mg/m <sup>3</sup>	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 150 ppm STEL: 651 mg/m <sup>3</sup>
Ethylbenzene 100-41-4	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 125 ppm STEL: 543 mg/m <sup>3</sup>	TWA: 20 ppm	TWA: 20 ppm	TWA: 20 ppm
Cumene 98-82-8	TWA: 50 ppm TWA: 246 mg/m <sup>3</sup>	TWA: 25 ppm STEL: 75 ppm	TWA: 50 ppm	TWA: 50 ppm TWA: 246 mg/m <sup>3</sup>

#### Biological occupational exposure limits

Chemical name	ACGIH
Naphthalene	- (1-Naphthol with hydrolysis plus 2-Naphthol with

91-20-3	hydrolysis) - end of shift
Xylene 1330-20-7	1.5 g/g creatinine - urine (Methylhippuric acids) - end of shift
Ethylbenzene 100-41-4	0.15 g/g creatinine - urine (Sum of mandelic acid and phenylglyoxylic acid) - end of shift

### Appropriate engineering controls

**Engineering controls** Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** If there is a risk of contact: Tight sealing safety goggles.

**Hand protection** If there is a risk of contact: Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Wear suitable gloves. Impervious gloves.

**Skin and body protection** If there is a risk of contact: Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## **9. Physical and chemical properties**

### Information on basic physical and chemical properties

#### Appearance

Physical state	Liquid
Color	Amber
Odor	Aromatic Hydrocarbons
Odor threshold	No information available

#### Property

#### Values

#### Remarks • Method

pH		No data available
Melting point / freezing point		No data available
Initial boiling point and boiling range		No data available
Flash point	46 °C / 114.8 °F	Pensky-Martens Closed Cup (PMCC)
Evaporation rate		No data available
Flammability		No data available
Flammability Limit in Air		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Vapor pressure		No data available
Vapor density		No data available
Relative density	0.8888	No data available
Water solubility		No data available
Solubility(ies)		No data available
Partition coefficient		No data available
Autoignition temperature		No data available
Decomposition temperature		No data available

Kinematic viscosity	4.0 cSt @ 40 °C	ASTM D445
Dynamic viscosity		No data available

**Other information**

Explosive properties	No information available.
Oxidizing properties	No information available.
Softening point	No information available
Pour Point	-38°C [ASTM D 97]
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

**10. Stability and reactivity**

Reactivity	None under normal use conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

**11. Toxicological information****Information on likely routes of exposure****Product Information**

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. May cause drowsiness or dizziness. May be harmful if inhaled.
Eye contact	Specific test data for the substance or mixture is not available. May cause irritation.
Skin contact	Repeated exposure may cause skin dryness or cracking. Specific test data for the substance or mixture is not available. Causes mild skin irritation. May be harmful in contact with skin.
Ingestion	Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.

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

Symptoms	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness and difficulty breathing. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.
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**Acute toxicity****Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document:

<b>ATEmix (oral)</b>	11,498.40 mg/kg
<b>ATEmix (dermal)</b>	3,362.00 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	5.10 mg/l
<b>ATEmix (inhalation-vapor)</b>	98.40 mg/l

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzene, 1,2,4-trimethyl-	= 3280 mg/kg ( Rat )	> 3160 mg/kg ( Rabbit )	= 18 g/m <sup>3</sup> ( Rat ) 4 h
Naphthalene	= 1110 mg/kg ( Rat )	= 1120 mg/kg ( Rabbit )	> 0.4 mg/L ( Rat ) 4 h
Xylene	= 3500 mg/kg ( Rat )	> 4350 mg/kg ( Rabbit )	= 29.08 mg/L ( Rat ) 4 h
Ethylbenzene	= 3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L ( Rat ) 4 h
Cumene	= 1400 mg/kg ( Rat )	= 12300 µL/kg ( Rabbit )	> 3577 ppm ( Rat ) 6 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Causes mild skin irritation.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Naphthalene 91-20-3	A3	Group 2B	Reasonably Anticipated	X
Xylene 1330-20-7	-	Group 3	-	-
Ethylbenzene 100-41-4	A3	Group 2B	-	X
Cumene 98-82-8	A3	Group 2B	Reasonably Anticipated	X

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**NTP (National Toxicology Program)**

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	May cause respiratory irritation. May cause drowsiness or dizziness.
<b>STOT - repeated exposure</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Benzene, 1,2,4-trimethyl- 95-63-6	-	LC50: 7.19 - 8.28mg/L (96h, Pimephales promelas)	-	EC50: =6.14mg/L (48h, Daphnia magna)
Naphthalene 91-20-3	-	LC50: 0.91 - 2.82mg/L (96h, Oncorhynchus mykiss)	-	EC50: 1.09 - 3.4mg/L (48h, Daphnia magna)
Xylene 1330-20-7	-	LC50: =13.4mg/L (96h, Pimephales promelas)	-	EC50: =3.82mg/L (48h, water flea) LC50: =0.6mg/L (48h, Gammarus lacustris)
Ethylbenzene 100-41-4	EC50: >438mg/L (96h, Pseudokirchneriella subcapitata)	LC50: 11.0 - 18.0mg/L (96h, Oncorhynchus mykiss)	-	EC50: 1.8 - 2.4mg/L (48h, Daphnia magna)
Cumene 98-82-8	EC50: =2.6mg/L (72h, Pseudokirchneriella subcapitata)	LC50: 6.04 - 6.61mg/L (96h, Pimephales promelas) LC50: =4.8mg/L (96h, Oncorhynchus mykiss) LC50: =2.7mg/L (96h, Oncorhynchus mykiss) LC50: =5.1mg/L (96h, Poecilia reticulata)	-	EC50: =0.6mg/L (48h, Daphnia magna) EC50: 7.9 - 14.1mg/L (48h, Daphnia magna)

**Persistence and degradability** No information available.

### Bioaccumulation

#### Component Information

Chemical name	Partition coefficient
Benzene, 1,2,4-trimethyl- 95-63-6	3.63
Naphthalene 91-20-3	3.4
Xylene 1330-20-7	3.15
Ethylbenzene 100-41-4	3.6
Cumene 98-82-8	3.55

**Mobility in soil** No information available.

**Other adverse effects** No information available.

## 13. Disposal considerations

### Waste treatment methods

**Waste from residues/unused products** Should not be released into the environment, Dispose of in accordance with local regulations, Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld

containers.

**California waste information**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

## 14. Transport information

**DOT**

<b>UN/ID no</b>	UN1993
<b>Proper shipping name</b>	FLAMMABLE LIQUIDS, N.O.S.
<b>Transport hazard class(es)</b>	3
<b>Packing group</b>	III
<b>Reportable Quantity (RQ)</b>	(Ethylbenzene: RQ (kg)= 454.00, Xylene: RQ (kg)= 45.40, Naphthalene: RQ (kg)= 45.40) Ethylbenzene: RQ (lb)= 1000.00, Xylene: RQ (lb)= 100.00, Naphthalene: RQ (lb)= 100.00
<b>Reportable quantity kg (calculated)</b>	Ethylbenzene: RQ (kg)= 18686.00, Xylene: RQ (kg)= 1330.00, Naphthalene: RQ (kg)= 1647.00
<b>Reportable quantity lbs. (calculated)</b>	Ethylbenzene: RQ (lb)= 41159.00, Xylene: RQ (lb)= 2929.00, Naphthalene: RQ (lb)= 3628.00
<b>Special Provisions</b>	B1, B52, IB3, T4, TP1, TP29
<b>DOT Marine Pollutant</b>	I
<b>Marine pollutant Description</b>	Hydrogenated base oil, Benzene, 1,2,4-trimethyl- UN1993, FLAMMABLE LIQUIDS, N.O.S. (Benzene, 1,2,4-trimethyl-, Ethylbenzene), 3, III, Marine pollutant (Hydrogenated base oil, Benzene, 1,2,4-trimethyl-)
<b>Emergency Response Guide Number</b>	128

**TDG**

<b>UN/ID no</b>	UN1993
<b>Proper shipping name</b>	FLAMMABLE LIQUID, N.O.S.
<b>Transport hazard class(es)</b>	3
<b>Packing group</b>	III
<b>Special Provisions</b>	16, 150
<b>Marine pollutant Description</b>	Hydrogenated base oil, Hydrogenated base oil. UN1993, FLAMMABLE LIQUID, N.O.S. (Benzene, 1,2,4-trimethyl-, Ethylbenzene), 3, III

**IATA**

<b>UN number or ID number</b>	UN1993
<b>UN proper shipping name</b>	Flammable liquid, n.o.s.
<b>Transport hazard class(es)</b>	3
<b>Packing group</b>	III
<b>ERG Code</b>	3L
<b>Special Provisions</b>	A3
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Benzene, 1,2,4-trimethyl-, Ethylbenzene), 3, III

**IMDG**

<b>UN number or ID number</b>	UN1993
<b>UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S.
<b>Transport hazard class(es)</b>	3
<b>Packing group</b>	III
<b>EmS-No</b>	F-E, S-E
<b>Special Provisions</b>	223, 274, 955
<b>Marine pollutant</b>	P
<b>Marine pollutant Description</b>	Hydrogenated base oil UN1993, FLAMMABLE LIQUID, N.O.S. (Benzene, 1,2,4-trimethyl-, Ethylbenzene), 3, III, (46°C C.C.), Marine pollutant

## 15. Regulatory information

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

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

Contact supplier for inventory compliance status

\*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

#### US Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
Benzene, 1,2,4-trimethyl- - 95-63-6	1.0
Naphthalene - 91-20-3	0.1
Xylene - 1330-20-7	1.0
Ethylbenzene - 100-41-4	0.1
Cumene - 98-82-8	0.1

##### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

##### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Naphthalene 91-20-3	100 lb	X	X	X
Xylene 1330-20-7	100 lb	-	-	X
Ethylbenzene 100-41-4	1000 lb	X	X	X

##### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Naphthalene 91-20-3	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ
Xylene 1330-20-7	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ
Ethylbenzene 100-41-4	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ
Cumene 98-82-8	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

#### US State Regulations

**California Proposition 65**

This product contains the following Proposition 65 chemicals:.

Chemical name	California Proposition 65
Naphthalene - 91-20-3	Carcinogen
Ethylbenzene - 100-41-4	Carcinogen
Cumene - 98-82-8	Carcinogen
Toluene - 108-88-3	Developmental

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Benzene, 1,2,4-trimethyl- 95-63-6	X	X	X
Naphthalene 91-20-3	X	X	X
Ethylbenzene 100-41-4	X	X	X
Xylene 1330-20-7	X	X	X
Cumene 98-82-8	X	X	X
Toluene 108-88-3	X	X	X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
Ceiling Maximum limit value \* Skin designation

**Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

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**Disclaimer**

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**End of Safety Data Sheet**