FRSC Chemical Solutions

SAFETY DATA SHEET

1. Identification

Product identifier Motor Medic Diesel Fuel De-Gel

Other means of identification

SDS number M7532 Part No. M7532

Recommended use De-Gel Additive Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company nameRSC Chemical SolutionsAddress600 Radiator Road

Indian Trail, NC 28079

United States

Telephone Customer Service: (704) 821-7643

Technical: (704) 684-1811

Website www.rscbrands.com

E-mail Not available.

Emergency phone number Emergency Telephone: (303) 623-5716

Emergency Contact: RMPDC (877-740-5015)

2. Hazard(s) identification

Physical hazardsFlammable liquidsCategory 3Health hazardsAcute toxicity, inhalationCategory 4Skin corrosion/irritationCategory 2Serious eye damage/eye irritationCategory 2AGerm cell mutagenicityCategory 1BCarcinogenicityCategory 1B

Specific target organ toxicity, single exposure Category 3 respiratory tract irritation

Category 2

Category 2

Category 2

Specific target organ toxicity, repeated

Reproductive toxicity (the unborn child)

exposure

Hazardous to the aquatic environment, acute Category 3

hazard

Hazardous to the aquatic environment,

long-term hazard

OSHA defined hazards Not classified.

Label elements

Environmental hazards



Signal word Danger

Hazard statement Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. Harmful if

inhaled. May cause respiratory irritation. May cause genetic defects. May cause cancer. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective

gloves/protective clothing/eye protection/face protection.

Response If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before

reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

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

Keep cool. Store locked up.

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

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information 80.23% of the mixture consists of component(s) of unknown acute inhalation toxicity. 74.9% of the

mixture consists of component(s) of unknown acute hazards to the aquatic environment. 58.46% of the mixture consists of component(s) of unknown long-term hazards to the aquatic

environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Solvent Naphtha (petroleum), Light Arom.		64742-95-6	40 - < 50
Diethylene Glycol Methyl Ether		111-77-3	10 - < 20
Trimethylbenzene		25551-13-7	10 - < 20
1,2,4-Trimethylbenzene		95-63-6	5 - < 10
1,2,3-trimethylbenzene		526-73-8	3 - < 5
Mesitylene; (1,3,5-trimethylbenzene)		108-67-8	3 - < 5
Petroleum naphtha		64742-94-5	3 - < 5
BENZENE,1-METHYLETHYL-		98-82-8	1 - < 3
NAPHTHALENE		91-20-3	< 1
Other components below reportable lev	rels		5 - < 10

^{*}Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or

artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contactTake off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation

occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects acute and

symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media

Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods
General fire hazards

Use standard firefighting procedures and consider the hazards of other involved materials.

Flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occ

BENZENE_1-METHYLETHY	Components	ontaminants (29 CF Type	Value
NAPHTHALENE (CAS PEL 50 mg/m3 91-20-3) 10 ppm 1-20-3) 10 ppm 1-20-3) 10 ppm 1-20-3) 10 ppm 10 pp		PEL	245 mg/m3
Petroleum naphtha (CAS		PEL	
100 ppm 100	Petroleum naphtha (CAS	PEL	
1,2,3-trimethylbenzene	04742-94-3)		100 ppm
1,2,3-trimethylbenzene (CAS 526-73-8) 1,2,4-Trimethylbenzene (CAS 95-63-6) 1,2,4-Trimethylbenzene (CAS 95-63-6) 1,2,4-Trimethylbenzene (CAS 95-63-6) 1,2,5-trimethylbenzene (CAS 95-63-6) 1,3,5-trimethylbenzene (CAS 108-67-8) Mesilylene (CAS 108-67-8) MAPHTHALENE (CAS 98-82-8) Mesilylene (CAS 108-67-8) MAPHTHALENE (CAS 98-82-8) Mesilylene (CAS 108-67-8) MENPALENE (CAS 10			_
(CAS 526-73-8) 1,2.4-Trimethylbenzene (CAS 95-63-6) EBENZENE, 1-METHYLETHY TWA 50 ppm 1,2.4-Trimethylbenzene (CAS 98-82-8) Mesilylene; TWA 10 ppm 11 ppm 12 ppm 12 ppm 13 ppm 14 ppm 15 ppm 16 ppm 16 ppm 17 ppm 17 ppm 18 ppm 19 ppm 18	Components	Туре	Value Form
(CAS 95-63-6) BENZENE,1-METHYLETHY TWA 50 ppm L- (CAS 98-82-8) Mesitylene; TWA 25 ppm (1,3,5-trimethylbenzene) (CAS 108-67-8) MAPHTHALENE (CAS TWA 10 ppm 31-20-3) Petroleum naphtha (CAS TWA 25 ppm (25551-13-7) US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value 1,2,3-trimethylbenzene (CAS 25-73-8) 25 ppm 1,2,4-Trimethylbenzene TWA 125 mg/m3 (CAS 95-63-6) BENZENE,1-METHYLETHY TWA 245 mg/m3 Mesitylene; TWA 125 mg/m3 Mesitylene; TWA 125 mg/m3 Mesitylene; TWA 125 mg/m3 Mesitylene; TWA 125 mg/m3 NOPPM Mesitylene; TWA 125 mg/m3 Mesitylene		TWA	25 ppm
L- (CAS 98-82-8) Mesitylene; TWA 25 ppm (1.3,5-trimethylbenzene) (CAS 108-67-8) NAPHTHALENE (CAS TWA 10 ppm 91-20-3) PENZENB, 1-METHYLETHYL TYLETHYL (CAS 98-82-8) NAPHTHALENE (CAS TWA 200 mg/m3 Non-aerosol. 1		TWA	25 ppm
Mesitylene: TWA 25 ppm (1.3.5-trimethylbenzene) TWA 10 ppm (CAS 108-67-8) NAPHTHALENE (CAS TWA 200 mg/m3 Non-aerosol. 91-20-3) Petroleum naphtha (CAS TWA 25 ppm 91-20-3) TWA 25 ppm 1-20-31 TWA 25 ppm 25551-13-7) US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value 1,2.3-trimethylbenzene (CAS 526-73-8) TWA 125 mg/m3 25 ppm 1,2.4-Trimethylbenzene (CAS 95-63-6) TWA 125 mg/m3 25 ppm BENZENE,1-METHYLETHY TWA 245 mg/m3 50 ppm Mesitylene; TWA 125 mg/m3 125 mg/m3 (1,3.5-trimethylbenzene) CAS 108-67-8) 25 ppm 15 ppm NAPHTHALENE (CAS 98-82-8) STEL 75 mg/m3 91-20-3) 15 ppm TWA 50 mg/m3 10 ppm 10 ppm 10 ppm 15 ppm <		TWA	50 ppm
NAPHTHALENE (CAS TWA 10 ppm 91-20-3)	Mesitylene; (1,3,5-trimethylbenzene)	TWA	25 ppm
Petroleum naphtha (CAS 64742-94-5) Trimethylbenzene (CAS 7WA 25 ppm 25 ppm US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value 1,2,3-trimethylbenzene (CAS 526-73-8) 1,2,4-trimethylbenzene (CAS 98-63-6) BENZENE, 1-METHYLETHYL (CAS 98-82-8) US. Minnesota Haz Subs: Skin designation BENZENE, 1-METHYLETHYL (CAS 98-82-8) US. Minnesota Haz Subs: Skin designation BENZENE, 1-METHYLETHYL (CAS 98-82-8) US. Minnesota Haz Subs: Skin designation BENZENE, 1-METHYLETHYL- (CAS 98-82-8) Value 125 ppm 125 mg/m3 125 mg/m3 125 mg/m3 125 mg/m3 15 ppm 75 mg/m3 10 ppm Can be absorbed through the skin. US. Minnesota Haz Subs: Skin designation BENZENE, 1-METHYLETHYL- (CAS 98-82-8) US. Tennessee OELs: Skin designation BENZENE, 1-METHYLETHYL- (CAS 98-82-8) US. Tennessee OELs: Skin designation	NAPHTHALENE (CAS	TWA	10 ppm
Trimethylbenzene (CAS TWA 25 ppm 255551-13-7) 25 ppm 255551-13-7) 25 ppm 25 p	Petroleum naphtha (CAS	TWA	200 mg/m3 Non-aerosol.
Components Type Value	Trimethylbenzene (CAS	TWA	25 ppm
CAS 526-73-8			Value
CAS 526-73-8	1,2,3-trimethylbenzene	TWA	125 mg/m3
1,2,4-Trimethylbenzene (CAS 95-63-6) BENZENE,1-METHYLETHY L- (CAS 98-82-8) Mesitylene; (TAS 125 mg/m3 125 ppm 125 ppm 1245 mg/m3 125 ppm 125 ppm 125 mg/m3 1			·
BENZENE,1-METHYLETHY L- (CAS 98-82-8) Mesitylene; (1,3,5-trimethylbenzene) (CAS 108-67-8) NAPHTHALENE (CAS STEL TWA 15 ppm 75 mg/m3 15 ppm 750 mg/m3 10 ppm TWA 50 ppm APPHTHALENE (CAS STEL TWA 50 mg/m3 10 ppm TWA 50 mg/m3 10 ppm TWA Source guidelines US - California OELs: Skin designation BENZENE,1-METHYLETHYL- (CAS 98-82-8) BENZENE,1-METHYLETHYL- (CAS 98-82-8) BENZENE,1-METHYLETHYL- (CAS 98-82-8) Skin designation applies BENZENE,1-METHYLETHYL- (CAS 98-82-8) Skin designation applies. Skin designation applies. Skin designation applies.		TWA	• •
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	BENZENE,1-METHYLETHYL- (CAS 98-82-8)		Skin designation applies.
US ACGIH Threshold Limit Values: Skin designation	BENZENE,1-METHYLETHYL- (CAS 98-82-8)		Can be absorbed through the skin.

Can be absorbed through the skin.

NAPHTHALENE (CAS 91-20-3)

Petroleum naphtha (CAS 64742-94-5)

Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Can be absorbed through the skin.

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. 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. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove Hand protection

supplier.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Chemical respirator with organic vapor cartridge and full facepiece. Respiratory protection

Wear appropriate thermal protective clothing, when necessary. Thermal hazards

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Clear. **Appearance** Liquid. Physical state Liquid. **Form** Color Yellow tint Aromatic Odor Not available. Odor threshold Not available.

Melting point/freezing point -119.2 °F (-84 °C) estimated Initial boiling point and boiling 336 °F (168.89 °C) estimated

range

105.0 °F (40.6 °C) Tag Closed Cup Flash point

Evaporation rate Not available. Not applicable. Flammability (solid, gas) Upper/lower flammability or explosive limits Not available.

Flammability limit - lower

(%)

Flammability limit - upper

Not available.

Explosive limit - lower (%) Not available. Not available. Explosive limit - upper (%)

2.02 hPa estimated Vapor pressure

Vapor density Not available. Not available. Relative density

Solubility(ies)

Solubility (water) Not available. **Partition coefficient** Not available.

(n-octanol/water)

932 °F (500 °C) estimated **Auto-ignition temperature**

Not available. **Decomposition temperature** Not available. **Viscosity**

Other information

Density 7.42 lbs/gal **Explosive properties** Not explosive.

Flammability class Combustible II estimated

Moisture < 0.5 %

Oxidizing properties Not oxidizing.

Percent volatile 12.28 % estimated

Specific gravity 0.89

VOC (Weight %) 12.28 % estimated

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous Hazardous polymerization does not occur.

reactions

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition No hazardous decomposition products are known.

products

11. Toxicological information

Information on likely routes of exposure

Inhalation Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by

inhalation.

Skin contact Causes skin irritation.

Eye contact Causes serious eye irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred

vision. May cause respiratory irritation. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity Harmful if inhaled. May cause respiratory irritation.

Components Species Test Results

1,2,3-trimethylbenzene (CAS 526-73-8)

Acute Oral

LD50 Rat 8970 mg/kg

1,2,4-Trimethylbenzene (CAS 95-63-6)

Acute Dermal

LD50 Rabbit > 3160 mg/kg

Inhalation

LC50 Rat > 2000 ppm, 48 Hours

Oral

LD50 Rat 6 g/kg

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

<u>Acute</u>

Inhalation

LC50 Mouse 2000 ppm, 7 Hours

24.7 mg/l, 2 Hours

Rat 8000 ppm, 4 Hours

Components **Species Test Results** Oral LD50 Rat 1400 mg/kg Diethylene Glycol Methyl Ether (CAS 111-77-3) Acute **Dermal** LD50 Rabbit 6540 mg/kg Oral LD50 4160 mg/kg Guinea pig 4.16 g/kg Mouse 8222 mg/kg Rabbit 7.19 g/kg Rat 5500 mg/kg Mesitylene; (1,3,5-trimethylbenzene) (CAS 108-67-8) **Acute** Oral Rat LD50 8970 mg/kg NAPHTHALENE (CAS 91-20-3) **Acute Dermal** LD50 Rabbit > 2 g/kgRat > 20 g/kg Oral LD50 Guinea pig 1200 mg/kg 490 mg/kg Rat Petroleum naphtha (CAS 64742-94-5) **Acute** Inhalation LC50 Rat 61 mg/l, 4 Hours Oral LD50 Rat > 25 ml/kg Trimethylbenzene (CAS 25551-13-7) **Acute** Oral LD50 Rat 8970 mg/kg * Estimates for product may be based on additional component data not shown. Skin corrosion/irritation Causes skin irritation. Causes serious eye irritation. Serious eye damage/eye irritation Respiratory or skin sensitization Respiratory sensitization Not a respiratory sensitizer. Skin sensitization This product is not expected to cause skin sensitization. May cause genetic defects. Germ cell mutagenicity Carcinogenicity May cause cancer. IARC Monographs. Overall Evaluation of Carcinogenicity BENZENE,1-METHYLETHYL- (CAS 98-82-8) 2B Possibly carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

NAPHTHALENE (CAS 91-20-3) Reasonably Anticipated to be a Human Carcinogen.

2B Possibly carcinogenic to humans.

NAPHTHALENE (CAS 91-20-3)

Reproductive toxicity Suspected of damaging the unborn child.

Specific target organ toxicity -

single exposure

May cause respiratory irritation.

Specific target organ toxicity -

repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Not an aspiration hazard.

Chronic effects May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may

be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Components		Species	Test Results	
1,2,4-Trimethylbenzer	ne (CAS 95-63-6)			
Aquatic				
Fish	LC50	Fathead minnow (Pimephales promelas)	7.19 - 8.28 mg/l, 96 hours	
BENZENE,1-METHYL	ETHYL- (CAS 98-8	2-8)		
Aquatic				
Crustacea	EC50	Brine shrimp (Artemia sp.)	3.55 - 11.29 mg/l, 48 hours	
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.7 mg/l, 96 hours	
Diethylene Glycol Met	hyl Ether (CAS 111	-77-3)		
Aquatic				
Fish	LC50	Bluegill (Lepomis macrochirus)	7500 mg/l, 96 hours	
Mesitylene; (1,3,5-trim	nethylbenzene) (CAS	S 108-67-8)		
Aquatic				
Fish	LC50	Goldfish (Carassius auratus)	9.89 - 15.05 mg/l, 96 hours	
NAPHTHALENE (CAS	S 91-20-3)			
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	1.09 - 3.4 mg/l, 48 hours	
Fish	LC50	Pink salmon (Oncorhynchus gorbuscha)	1.11 - 1.68 mg/l, 96 hours	
Petroleum naphtha (C	AS 64742-94-5)			
Aquatic				
Crustacea	EC50	Water flea (Daphnia pulex)	2.7 - 5.1 mg/l, 48 hours	
Fish	LC50	Rainbow trout, donaldson trout	8.8 mg/l, 96 hours	

^{*} Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

BENZENE,1-METHYLETHYL- 3.66 NAPHTHALENE 3.3

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

(Oncorhynchus mykiss)

potential, endocrine disruption, global warming potential) are expected from this component.

8.8 mg/l, 96 hours

13. Disposal considerations

Disposal instructionsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow

this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches

with chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

Local disposal regulationsDispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

UN number Not available.

UN proper shipping name

Transport hazard class(es)

Consumer commodity (Solvent Naphtha (petroleum), Light Arom., Lubrizol 8056M-Anti-Gel)

ORM-D Class Subsidiary risk

Label(s) None

Packing group Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Packaging exceptions 156, 306 Packaging non bulk 156, 306 Packaging bulk None

IATA

ID8000 **UN** number

UN proper shipping name Consumer commodity

Transport hazard class(es)

Class 9 Subsidiary risk

Packing group Not applicable.

Environmental hazards No. **ERG Code** 9L

Other information

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Passenger and cargo

aircraft

Allowed. Allowed.

IMDG

UN2325 **UN** number

UN proper shipping name Transport hazard class(es)

Cargo aircraft only

1,3,5-TRIMETHYLBENZENE SOLUTION (Mesitylene; (1,3,5-trimethylbenzene))

3 **Class** Subsidiary risk Ш Packing group **Environmental hazards**

Marine pollutant No.

EmS F-E, S-D

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and

the IBC Code

Not established.

IATA





15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

One or more components are not listed on TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

BENZENE,1-METHYLETHYL- (CAS 98-82-8) Listed.
Diethylene Glycol Methyl Ether (CAS 111-77-3) Listed.
NAPHTHALENE (CAS 91-20-3) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
Diethylene Glycol Methyl Ether	111-77-3	10 - < 20	
1,2,4-Trimethylbenzene	95-63-6	5 - < 10	
BENZENE,1-METHYLETHYL-	98-82-8	1 - < 3	
NAPHTHALENE	91-20-3	< 1	

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

BENZENE,1-METHYLETHYL- (CAS 98-82-8) Diethylene Glycol Methyl Ether (CAS 111-77-3) NAPHTHALENE (CAS 91-20-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not regulated.

(SDWA)

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

1,2,3-trimethylbenzene (CAS 526-73-8) 1,2,4-Trimethylbenzene (CAS 95-63-6)

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Diethylene Glycol Methyl Ether (CAS 111-77-3)

Mesitylene; (1,3,5-trimethylbenzene) (CAS 108-67-8)

NAPHTHALENE (CAS 91-20-3)

Petroleum naphtha (CAS 64742-94-5)

Solvent Naphtha (petroleum), Light Arom. (CAS 64742-95-6)

Trimethylbenzene (CAS 25551-13-7)

US. Massachusetts RTK - Substance List

1,2,3-trimethylbenzene (CAS 526-73-8)

1,2,4-Trimethylbenzene (CAS 95-63-6)

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Diethylene Glycol Methyl Ether (CAS 111-77-3)

Mesitylene; (1,3,5-trimethylbenzene) (CAS 108-67-8)

NAPHTHALENE (CAS 91-20-3)

Trimethylbenzene (CAS 25551-13-7)

US. New Jersey Worker and Community Right-to-Know Act

1,2,3-trimethylbenzene (CAS 526-73-8)

1,2,4-Trimethylbenzene (CAS 95-63-6)

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Diethylene Glycol Methyl Ether (CAS 111-77-3)

Mesitylene; (1,3,5-trimethylbenzene) (CAS 108-67-8)

NAPHTHALENE (CAS 91-20-3)

Petroleum naphtha (CAS 64742-94-5)

Trimethylbenzene (CAS 25551-13-7)

US. Pennsylvania Worker and Community Right-to-Know Law

1,2,3-trimethylbenzene (CAS 526-73-8)

1,2,4-Trimethylbenzene (CAS 95-63-6)

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Diethylene Glycol Methyl Ether (CAS 111-77-3)

Mesitylene; (1,3,5-trimethylbenzene) (CAS 108-67-8)

NAPHTHALENE (CAS 91-20-3)

Trimethylbenzene (CAS 25551-13-7)

US. Rhode Island RTK

1,2,4-Trimethylbenzene (CAS 95-63-6)

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Diethylene Glycol Methyl Ether (CAS 111-77-3)

NAPHTHALENE (CAS 91-20-3)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

BENZENE,1-METHYLETHYL- (CAS 98-82-8) Listed: April 6, 2010 ETHYLBENZENE (CAS 100-41-4) Listed: June 11, 2004 NAPHTHALENE (CAS 91-20-3) Listed: April 19, 2002

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 04-21-2015

Version # 01

HMIS® ratings Health: 2*

Flammability: 3 Physical hazard: 0

NFPA ratings Health: 2

Flammability: 3 Instability: 0

NFPA ratings



Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.