

# SAFETY DATA SHEET

## Moisture Displacing Fluid

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200.

### 1. Identification

#### Product identifier

**Product name** Moisture Displacing Fluid  
**Product number** BR1003, BR1003B, BR1003CN  
**Internal identification** 1000-505

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

**Application** Displaces moisture and prevents rust in gun bores  
**Uses advised against** No specific uses advised against are identified.

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

**Manufacturer** Bushnell Holding Inc  
 9200 Cody  
 Overland Park, KS66214  
 1 541-344-4483  
 dangerous.goods@vistaoutdoor.com

#### Emergency telephone number

**Emergency telephone** Emergency Telephone Number (Hazardous Material/Dangerous Goods Transportation Emergency Only) 1-800-424-9300 (Inside US Only) +01-703-527-3887 (Outside US) - (CHEMTREC, Day and Night)

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified  
**Health hazards** Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Muta. 1B - H340 Carc. 1B - H350 STOT RE 1 - H372 Asp. Tox. 1 - H304  
**Environmental hazards** Aquatic Chronic 2 - H411

#### Label elements

##### Hazard symbols



##### Signal word

Danger

##### Hazard statements

H304 May be fatal if swallowed and enters airways.  
 H312+H332 Harmful in contact with skin or if inhaled.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H340 May cause genetic defects.  
 H350 May cause cancer.  
 H372 Causes damage to organs through prolonged or repeated exposure.  
 H411 Toxic to aquatic life with long lasting effects.

## Moisture Displacing Fluid

<b>Precautionary statements</b>	<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P260 Do not breathe vapor/ spray.</p> <p>P261 Avoid breathing vapor/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P310 If swallowed: Immediately call a poison center/ doctor.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 If exposed or concerned: Get medical advice/ attention.</p> <p>P312 Call a poison center/ doctor if you feel unwell.</p> <p>P314 Get medical advice/ attention if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P331 Do NOT induce vomiting.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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<b>Contains</b>	Distillates (petroleum), hydrotreated heavy naphthenic, Stoddard solvent, 1,2,4-trimethylbenzene, Solvent naphtha (petroleum), light arom., cumene
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### Other hazards

This product does not contain any substances classified as PBT or vPvB.

### 3. Composition/information on ingredients

#### Mixtures

<b>Distillates (petroleum), hydrotreated heavy naphthenic</b>	<b>30-60%</b>
CAS number: 64742-52-5	
<b>Classification</b>	
Carc. 1B - H350	
STOT RE 1 - H372	
Asp. Tox. 1 - H304	
<b>Stoddard solvent</b>	<b>30-60%</b>
CAS number: 8052-41-3	
<b>Classification</b>	
Muta. 1B - H340	
Carc. 1B - H350	
STOT RE 1 - H372	
Asp. Tox. 1 - H304	

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<b>1,2,4-trimethylbenzene</b>	<b>10-30%</b>
CAS number: 95-63-6	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
STOT SE 3 - H335	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
<b>Solvent naphtha (petroleum), light arom.</b>	<b>1-5%</b>
CAS number: 64742-95-6	
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H335	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
<b>2-(2-butoxyethoxy)ethanol</b>	<b>1-5%</b>
CAS number: 112-34-5	
<b>Classification</b>	
Eye Irrit. 2A - H319	
<b>cumene</b>	<b>1-5%</b>
CAS number: 98-82-8	
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H335	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
<b>mesitylene</b>	<b>&lt;1%</b>
CAS number: 108-67-8	
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H335	
Aquatic Chronic 2 - H411	

## Moisture Displacing Fluid

<b>xylene</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 1330-20-7
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315
<b>ethylbenzene</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 100-41-4
<b>Classification</b> Flam. Liq. 2 - H225 Acute Tox. 4 - H332 STOT RE 2 - H373 Asp. Tox. 1 - H304

The full text for all hazard statements is displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

<b>General information</b>	Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. 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. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.
<b>Skin Contact</b>	It is important to remove the substance from the skin immediately. Take off immediately all contaminated clothing. Remove contamination with soap and water or recognized skin cleansing agent. Get medical attention.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

## Moisture Displacing Fluid

<b>General information</b>	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness. Prolonged or repeated exposure may cause the following adverse effects: May cause cancer.
<b>Ingestion</b>	May cause irritation. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. Prolonged or repeated exposure may cause the following adverse effects: May cause cancer.
<b>Skin contact</b>	Redness. Irritating to skin. Prolonged or repeated exposure may cause the following adverse effects: May cause cancer.
<b>Eye contact</b>	Irritating to eyes.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor**                      Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media**      The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media**      Do not use water jet as an extinguisher, as this will spread the fire.

#### Special hazards arising from the substance or mixture

**Specific hazards**                              Containers can burst violently or explode when heated, due to excessive pressure build-up. This product is toxic.

**Hazardous combustion products**      Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

#### Advice for firefighters

**Protective actions during firefighting**      Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters**      Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Avoid inhalation of vapors and spray/mists. Use suitable respiratory protection if ventilation is inadequate. Avoid contact with skin and eyes.

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### Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Provide adequate ventilation. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. May cause cancer. May cause genetic defects. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Utilize retaining walls to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

**Storage class** Miscellaneous hazardous material storage.

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## 8. Exposure controls/Personal protection

### Control parameters

### Occupational exposure limits

#### Stoddard solvent

Long-term exposure limit (8-hour TWA): OSHA 500 ppm 2900 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): ACGIH 100 ppm 525 mg/m<sup>3</sup>

#### 1,2,4-trimethylbenzene

Long-term exposure limit (8-hour TWA): ACGIH 25 ppm 123 mg/m<sup>3</sup>

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### Solvent naphtha (petroleum), light arom.

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 10 mg/m<sup>3</sup>

### 2-(2-butoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA): ACGIH 10 ppm 67.5 mg/m<sup>3</sup> inhalable fraction and vapor

### cumene

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm 246 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): OSHA 50 ppm 245 mg/m<sup>3</sup>

Sk

### mesitylene

Long-term exposure limit (8-hour TWA): ACGIH 25 ppm 123 mg/m<sup>3</sup>

### xylene

Long-term exposure limit (8-hour TWA): OSHA 100 ppm 435 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): ACGIH 100 ppm 434 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 150 ppm 651 mg/m<sup>3</sup>

A4

### ethylbenzene

Long-term exposure limit (8-hour TWA): OSHA 100 ppm 435 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 87 mg/m<sup>3</sup>

A3

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

Sk = Danger of cutaneous absorption.

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

A4 = Not Classifiable as a Human Carcinogen.

### Stoddard solvent (CAS: 8052-41-3)

**Immediate danger to life  
and health** 20,000 mg/m<sup>3</sup>

### cumene (CAS: 98-82-8)

**Immediate danger to life  
and health** 900 ppm

### ethylbenzene (CAS: 100-41-4)

**Immediate danger to life  
and health** 800 ppm

### Exposure controls

#### Protective equipment



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<b>Appropriate engineering controls</b>	Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimize worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimize exposure.
<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with OSHA 1910.133. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
<b>Other skin and body protection</b>	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
<b>Hygiene measures</b>	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.
<b>Respiratory protection</b>	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. 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.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Clear light to dark amber
<b>Odor</b>	Characteristic.
<b>pH</b>	Not determined.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	149-260°C 300-500°F
<b>Flash point</b>	151°C/304°F
<b>Evaporation rate</b>	Not available.



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<b>Flammability (solid, gas)</b>	Class III liquid
<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Other flammability</b>	Not available.
<b>Vapor pressure</b>	Not determined.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	0.866
<b>Bulk density</b>	7.228 lbs/gal
<b>Solubility(ies)</b>	Not available.
<b>Auto-ignition temperature</b>	Not determined.
<b>VOC Content</b>	49 % Wt Max

### 10. Stability and reactivity

<b>Reactivity</b>	See the other subsections of this section for further details.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Acute Tox. 4 - H312 Harmful in contact with skin.

**ATE dermal (mg/kg)** 1,100.0

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Acute Tox. 4 - H332 Harmful if inhaled.

**ATE inhalation (dusts/mists mg/l)** 1.5

##### Skin corrosion/irritation

**Animal data** Irritating.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

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### Respiratory sensitization

**Respiratory sensitization** Based on available data the classification criteria are not met.

### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** May cause genetic defects.

### Carcinogenicity

**Carcinogenicity** May cause cancer.

### **IARC carcinogenicity**

Contains a substance which may be potentially carcinogenic. IARC Group 2B Possibly carcinogenic to humans.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** STOT RE 1 - H372

### Aspiration hazard

**Aspiration hazard** Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

### **General information**

May cause cancer after repeated exposure. Risk of cancer depends on duration and level of exposure. May cause genetic defects. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### **Inhalation**

A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.

### **Ingestion**

May cause irritation. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

### **Skin Contact**

Redness. Irritating to skin.

### **Eye contact**

Irritating to eyes.

### **Route of exposure**

Ingestion Inhalation Skin and/or eye contact

### **Target Organs**

No specific target organs known.

### **Medical considerations**

Skin disorders and allergies.

## 12. Ecological information

### **Toxicity**

Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

### Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### Bioaccumulative potential

## Moisture Displacing Fluid

**Bio-Accumulative Potential** No data available on bioaccumulation.

### Mobility in soil

**Mobility** No data available.

### Other adverse effects

**Other adverse effects** None known.

## 13. Disposal considerations

### Waste treatment methods

#### **General information**

The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

#### **Disposal methods**

Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

## 14. Transport information

#### **General**

For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

#### UN Number

**UN No. (TDG)** 3082

**UN No. (IMDG)** 3082

**UN No. (ICAO)** 3082

**UN No. (DOT)** UN3082

#### UN proper shipping name

**Proper shipping name (TDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS 1,2,4-trimethylbenzene, cumene)

**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS 1,2,4-trimethylbenzene, cumene)

**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS 1,2,4-trimethylbenzene, cumene)

**Proper shipping name (DOT)** ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CONTAINS 1,2,4-trimethylbenzene, cumene)

#### Transport hazard class(es)

**DOT hazard class** 9

**DOT hazard label** 9

**TDG class** 9

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TDG label(s) 9

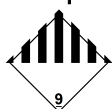
IMDG Class 9

ICAO class/division 9

### DOT transport labels



### Transport labels



### Packing group

TDG Packing Group III

IMDG packing group III

ICAO packing group III

DOT packing group III

### Environmental hazards

#### Environmentally Hazardous Substance



### Special precautions for user

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.

EmS F-A, S-F

DOT reportable quantity RQ: Xylene (20000 lbs), RQ: Ethylbenzene (200000 lbs)

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

## 15. Regulatory information

### US Federal Regulations

#### SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

#### CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The following ingredients are listed or exempt:

*xylene*

Final CERCLA RQ: 100(45.4) pounds (Kilograms)

*ethylbenzene*

Final CERCLA RQ: 1000(454) pounds (Kilograms)

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*cumene*

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are listed or exempt.

### **SARA 313 Emission Reporting**

The following ingredients are listed or exempt:

*1,2,4-trimethylbenzene*

1.0 %

*2-(2-butoxyethoxy)ethanol*

1.0 %

*xylene*

1.0 %

0.1 %

*ethylbenzene*

0.1 %

*cumene*

1.0 %

### **CAA Accidental Release Prevention**

None of the ingredients are listed or exempt.

### **FDA - Essential Chemical**

None of the ingredients are listed or exempt.

### **FDA - Precursor Chemical**

None of the ingredients are listed or exempt.

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

None of the ingredients are listed or exempt.

### **OSHA Highly Hazardous Chemicals**

None of the ingredients are listed or exempt.

### **US State Regulations**

#### **California Proposition 65 Carcinogens and Reproductive Toxins**

The following ingredients are listed or exempt:

*ethylbenzene*

Carcinogen.

*cumene*

Carcinogen.

#### **California Air Toxics "Hot Spots" (A-I)**

The following ingredients are listed or exempt:

*1,2,4-trimethylbenzene*

*2-(2-butoxyethoxy)ethanol*

*xylene*

*ethylbenzene*

*cumene*

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### California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

### California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

*Stoddard solvent*

*mesitylene*

*xylene*

*ethylbenzene*

*cumene*

### Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

*1,2,4-trimethylbenzene*

*Stoddard solvent*

*mesitylene*

*xylene*

*ethylbenzene*

*cumene*

### Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

*Stoddard solvent*

*xylene*

*ethylbenzene*

*cumene*

### Minnesota "Right To Know" List

The following ingredients are listed or exempt:

*1,2,4-trimethylbenzene*

*Stoddard solvent*

*xylene*

*ethylbenzene*

*cumene*

### New Jersey "Right To Know" List

The following ingredients are listed or exempt:

*1,2,4-trimethylbenzene*

*Stoddard solvent*

*xylene*

*ethylbenzene*

*cumene*

### Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

*1,2,4-trimethylbenzene*

## Moisture Displacing Fluid

*Stoddard solvent*

*xylene*

*ethylbenzene*

*cumene*

### Inventories

#### US - TSCA

All the ingredients are listed or exempt.

#### US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

### 16. Other information

#### Abbreviations and acronyms used in the safety data sheet

TDG: The transport of dangerous goods act

IATA: International air transport association.

ICAO: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International maritime dangerous goods.

CAS: Chemical abstracts service.

ATE: Acute toxicity estimate.

LC<sub>50</sub>: Lethal concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal dose to 50% of a test population (median lethal dose).

EC<sub>50</sub>: 50% of maximal effective concentration.

PBT: Persistent, bioaccumulative and toxic substance.

vPvB: Very persistent and very bioaccumulative.

#### Classification abbreviations and acronyms

Acute Tox. = Acute toxicity

Asp. Tox. = Aspiration hazard

Carc. = Carcinogenicity

Eye Irrit. = Eye irritation

Muta. = Germ cell mutagenicity

Skin Irrit. = Skin irritation

STOT RE = Specific target organ toxicity-repeated exposure

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

#### Training advice

Read and follow manufacturer's recommendations. Only trained personnel should use this material.

#### Revision comments

Revised for new Authoring software

#### Revision date

10/13/2022

#### Revision

7

#### Supersedes date

2/8/2019

#### SDS No.

4609

## Moisture Displacing Fluid

### Hazard statements in full

H225 Highly flammable liquid and vapor.  
H226 Flammable liquid and vapor.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H340 May cause genetic defects.  
H350 May cause cancer.  
H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H373 May cause damage to organs (Hearing organs) through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

### End of Safety Data Sheet

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.