



## SAFETY DATA SHEET

### Heavy Duty PROTECT+ 10 OZ

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

#### 1. Identification

##### *Product identifier*

**Product name** WATER PROOFER

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

**Application** Water Proofer

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Blue San LLC  
3399 Durham Road  
Roxboro, North Carolina 27573  
Tel: (984) 219--6618  
e-mail : help@thebluesan.com  
www.thebluesan.com

##### *Emergency telephone number*

Phone: (984)219-6618

##### **Emergency telephone**

Monday through Friday 9AM-5PM Eastern Standard Time

#### 2. Hazard(s) identification

##### *Classification of the substance or mixture*

**Physical hazards** Flam. Aerosol 1 - H222 Press. Gas, Compressed - H280

**Health hazards** Eye Irrit. 2A - H319 STOT SE 3 - H336

**Environmental hazards** Not Classified

##### *Label elements*

##### **Hazard symbols**



##### **Signal word**

Danger

##### **Hazard statements**

H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.



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<b>Precautionary statements</b>	P102 Keep out of reach of children.
	P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
	P211 Do not spray on an open flame or other ignition source.
	P251 Pressurized container: Do not pierce or burn, even after use
	P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
	P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.
<b>Contains</b>	P501 Dispose of contents/ container in accordance with national regulations.
	propan-2-ol (Isopropyl alcohol), 1-methoxy-2-propanol

### Other hazards

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

### 3. Composition/information on ingredients

#### Mixtures

<b>propan-2-ol (Isopropyl alcohol)</b>	<b>40-60%</b>
CAS number: 67-63-0	
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2A - H319	
STOT SE 3 - H336	
<b>Petroleum gases, liquefied (Note K)</b>	<b>25-40%</b>
CAS number: 68476-85-7	
Note K*:The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (EINECS No 203-450-8).	
Lists:REACH ANNEX XVII.	
<b>Classification</b>	
Flam. Gas 1 - H220	
Press. Gas, Liquefied - H280	
<b>1-methoxy-2-propanol</b>	<b>1-5%</b>
CAS number: 107-98-2	
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	



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<b>2-ethylhexan-1-ol</b>	<b>1-5%</b>
CAS number: 104-76-7	
<b>Classification</b>	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
STOT SE 3 - H335	

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

**Ingredient notes** Note K\*: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (EINECS No 203-450-8).

### 4. First-aid measures

#### *Description of first aid measures*

<b>General information</b>	If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
<b>Skin Contact</b>	Rinse with water. Get medical attention if symptoms are severe or persist.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Spray/mists may cause respiratory tract irritation. May cause sensitization or allergic reactions in sensitive individuals.
<b>Ingestion</b>	Due to the physical nature of this product, it is unlikely that ingestion will occur.
<b>Skin contact</b>	Repeated exposure may cause skin dryness or cracking. May cause skin sensitization or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Causes serious eye irritation. Itchiness. Redness. Conjunctivitis, irritation, tearing.

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

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### *Extinguishing media*

<b>Suitable extinguishing media</b>	The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.



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

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. Vapors may form explosive mixtures with air.

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

### *Advice for firefighters*

**Protective actions during firefighting** Avoid breathing fire gases or vapors. Evacuate area. 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 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** Evacuate area. Risk of explosion. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Avoid contact with eyes and prolonged skin contact.

### *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. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Under normal conditions of handling and storage, spillages from aerosol containers are unlikely. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Flush contaminated area with plenty of water.

**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** Keep out of the reach of children. 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. Avoid exposing aerosol containers to high temperatures or direct sunlight. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid discharge to the aquatic environment. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Avoid contact with eyes.



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**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store away from incompatible materials (see Section 10). Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep away from oxidizing materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50°C/122°F.

**Storage class** Aerosol containers and lighters

### 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

##### propan-2-ol (Isopropyl alcohol)

Long-term exposure limit (8-hour TWA): OSHA 400 ppm 980 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm

Short-term exposure limit (15-minute): ACGIH 400 ppm

A4

##### 1-methoxy-2-propanol

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm 184 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 100 ppm 369 mg/m<sup>3</sup>

A4

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

### propan-2-ol (Isopropyl alcohol) (CAS: 67-63-0)

**Immediate danger to life and health** 2000 ppm

### Exposure controls

#### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation.

#### Eye/face protection

Avoid contact with eyes. Large Spillages: 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.



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<b>Hand protection</b>	No specific requirements are anticipated under normal conditions of use. Prolonged skin contact may cause temporary irritation. For users with sensitive skin, it is recommended that suitable protective gloves are worn. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. 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.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
<b>Respiratory protection</b>	No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn. Gas and combination filter cartridges should comply with OSHA 1910.134. Check that the respirator fits tightly and the filter is changed regularly.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. Avoid discharge to the aquatic environment.

### 9. Physical and chemical properties

#### *Information on basic physical and chemical properties*

<b>Appearance</b>	Aerosol.
<b>Color</b>	No information available.
<b>Odor</b>	No information available.
<b>Odor threshold</b>	No information available.
<b>pH</b>	No information available.
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Vapor density</b>	No information available.
<b>Relative density</b>	No information available.
<b>Solubility(ies)</b>	No information available.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	No information available.
<b>Oxidizing properties</b>	No information available.
<b>Particle characteristics</b>	Not applicable.



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**Other information** No information required.

### 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>	The following materials may react strongly with the product: Oxidizing agents.
<b>Conditions to avoid</b>	Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated
<b>Materials to avoid</b>	Acids. Oxidizing agents.
<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

### 11. Toxicological information

#### *Information on toxicological effects*

<b>Acute toxicity - oral</b>	
<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b>Acute toxicity - dermal</b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b>Acute toxicity - inhalation</b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b>ATE inhalation (vapours mg/l)</b>	275.0
<b>Skin corrosion/irritation</b>	
<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation</b>	
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b>Respiratory sensitization</b>	
<b>Respiratory sensitization</b>	Based on available data the classification criteria are not met.
<b>Skin sensitization</b>	
<b>Skin sensitization</b>	Based on available data the classification criteria are not met.
<b>Germ cell mutagenicity</b>	
<b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity</b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.



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<b>IARC carcinogenicity</b>	Contains a substance which may be potentially carcinogenic. IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<b>Reproductive toxicity</b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Based on available data the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	
<b>STOT - single exposure</b>	STOT SE 3 - H336 May cause drowsiness or dizziness.
<b>Target organs</b>	Central nervous system
<b>Specific target organ toxicity - repeated exposure</b>	
<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
<b>Aspiration hazard</b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b>General information</b>	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. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.
<b>Ingestion</b>	Due to the physical nature of this product, it is unlikely that ingestion will occur.
<b>Skin Contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Irritating to eyes.
<b>Route of exposure</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target Organs</b>	Central nervous system
<b>Information on other hazards</b>	
<b>Information on other hazards</b>	This product does not contain any known or suspected endocrine disruptors.
<b>Toxicological information on ingredients.</b>	

### *propan-2-ol (Isopropyl alcohol)*

#### ***Acute toxicity - oral***

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 5840 mg/kg, Oral, Rat (OECD Test Guideline 401)

#### ***Acute toxicity - dermal***

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> 13900 mg/kg, Dermal, Rabbit (OECD 402)

#### ***Acute toxicity - inhalation***

**Notes (inhalation LC<sub>50</sub>)** LC50 25 mg/l, Inhalation, Rat 4 hours (OECD 403)

#### ***Skin corrosion/irritation***

**Animal data** Slightly irritating.  
Rabbit 4 hour (OECD 404)

#### ***Serious eye damage/irritation***



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<b>Serious eye damage/irritation</b>	Causes eye irritation. Rabbit (OECD 405)
<b>Respiratory sensitization</b>	
<b>Respiratory sensitization</b>	Guinea pig: Not sensitizing. Buehler test (OECD 406)
<b>Germ cell mutagenicity</b>	
<b>Genotoxicity - in vitro</b>	Bacterial reverse mutation test: Negative without metabolic activation., Negative with metabolic activation. (OECD 471) Gene mutation, Mammalian Cell Line: Negative without metabolic activation., Negative with metabolic activation. (OECD 476) intraperitoneal., Mouse: Negative. (OECD Guideline 474)
<b>Carcinogenicity</b>	
<b>Carcinogenicity</b>	104 week, Inhalation, Vapour, Rat, Female, Male 6 hour, -, day 5 day, -, week OECD 451
<b>IARC carcinogenicity</b>	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<b>Reproductive toxicity</b>	
<b>Reproductive toxicity - fertility</b>	One-generation study - NOAEL 853 mg/kg, Oral, Rat P OECD Guideline 415 (One-Generation Reproduction Toxicity Study) Two-generation study - NOAEL 500 mg/kg, Oral, Rat P (OECD Guideline 416) Two-generation study - NOAEL 1000 mg/kg, Oral, Rat F1 (OECD Guideline 416)

### ***1-methoxy-2-propanol***

<b>Acute toxicity - oral</b>	
<b>Notes (oral LD<sub>50</sub>)</b>	LD <sub>50</sub> 4016 mg/kg, Oral, Rat
<b>Acute toxicity - dermal</b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	LC50 >2000 mg/kg, Dermal, Rabbit
<b>Acute toxicity - inhalation</b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	LC50 >25.8 mg/l, Inhalation, Rat
<b>Serious eye damage/irritation</b>	
<b>Serious eye damage/irritation</b>	Dose: , 24 hours, Rabbit Slightly irritating.

### ***2-ethylhexan-1-ol***

<b>Acute toxicity - oral</b>	
<b>Notes (oral LD<sub>50</sub>)</b>	LD <sub>50</sub> 2047 mg/kg, Oral, Rat
<b>Acute toxicity - dermal</b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	LD <sub>50</sub> >3000 mg/kg, Dermal, Rat
<b>Acute toxicity - inhalation</b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	LC50 0.89 mg/l, Inhalation, Rat
<b>ATE inhalation (vapours mg/l)</b>	11.0

## 12. Ecological information

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



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### Ecological information on ingredients.

#### *propan-2-ol (Isopropyl alcohol)*

##### *Acute aquatic toxicity*

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 10000 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC10, 7 day: 1800 mg/l, Algae
<b>Acute toxicity - microorganisms</b>	EC10, 16 hour: 1050 mg/l, Pseudomonas putida

#### *Petroleum gases, liquefied (Note K)*

##### *Acute aquatic toxicity*

<b>Acute toxicity - fish</b>	EC <sub>50</sub> , 78 hour: 4.6-10 mg/l, Algae NOEC, 28 day: 0.13 mg/l, Oncorhynchus mykiss (Rainbow trout) EC <sub>50</sub> , 96 hour: 10-30 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hour: 10-20 mg/l, Daphnia magna NOEC, 21 day: 0.28 mg/l, Daphnia magna

#### *1-methoxy-2-propanol*

##### *Acute aquatic toxicity*

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: ≥1000 mg/l, Salmo salar (Atlantic salmon)
<b>Acute toxicity - aquatic invertebrates</b>	LC <sub>50</sub> , 48 hours: 25900 mg/l, Daphnia magna (Water flea)
<b>Acute toxicity - aquatic plants</b>	Growth inhibition test, 7 days: >1000 mg/l, Algae, Chlorella pyrenoidosa

#### *2-ethylhexan-1-ol*

##### *Acute aquatic toxicity*

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hour: 17.1 mg/l, Leuciscus idus (Golden orfe) LC <sub>50</sub> , 96 hour: 28.2 mg/l, Pimephales promelas
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hour: 39 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hour: Biokütle: 11.5 , Scenedesmus subspicatus Artım süreti: 16.6

### *Persistence and degradability*

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

### Ecological information on ingredients.

#### *propan-2-ol (Isopropyl alcohol)*

**Persistence and degradability** The substance is readily biodegradable.



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### *1-methoxy-2-propanol*

**BOD/ThBOD** 1,140 mg/g

#### *Bioaccumulative potential*

**Bio-Accumulative Potential** The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** No information available.

#### Ecological information on ingredients.

### *propan-2-ol (Isopropyl alcohol)*

**Bio-Accumulative Potential** Low potential.

**Partition coefficient** log Kow: <3

**Bioconcentration factor (BCF)** 1.015 L/kg.

### *1-methoxy-2-propanol*

**Partition coefficient** log Pow: <1 (-0.437) Low potential.

#### *Mobility in soil*

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

#### Ecological information on ingredients.

### *propan-2-ol (Isopropyl alcohol)*

**Mobility** The product is water-soluble and may spread in water systems.

#### *Other adverse effects*

**Other adverse effects** None known.

## 13. Disposal considerations

### *Waste treatment methods*

**General information** Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. 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. Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## 14. Transport information

### *UN Number*

#### UN number or ID number

UN No. (TDG) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950



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

### *UN proper shipping name*

Proper shipping name (TDG)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS

### *Transport hazard class(es)*

TDG class	2.1
TDG label(s)	2.1
IMDG Class	2.1
ICAO class/division	2.1

### Transport labels



### *Environmental hazards*

**Environmentally Hazardous Substance**  
No.

### *Special precautions for user*

EmS	F-D, S-U
Limited quantities (ADR)	1 L
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

## 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:

#### SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.



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### SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

### 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

None of the ingredients are listed or exempt.

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

The following ingredients are listed or exempt:

*1-methoxy-2-propanol*

*propan-2-ol (Isopropyl alcohol)*

#### 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:

*1-methoxy-2-propanol*

*propan-2-ol (Isopropyl alcohol)*

#### Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

*1-methoxy-2-propanol*

*2-ethylhexan-1-ol*

*propan-2-ol (Isopropyl alcohol)*

#### Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

*1-methoxy-2-propanol*

*propan-2-ol (Isopropyl alcohol)*

#### Minnesota "Right To Know" List

The following ingredients are listed or exempt:

*1-methoxy-2-propanol*



## Heavy Duty PROTECT+ 10 OZ

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

*propan-2-ol (Isopropyl alcohol)*

### New Jersey "Right To Know" List

The following ingredients are listed or exempt:

*1-methoxy-2-propanol*

*propan-2-ol (Isopropyl alcohol)*

### Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

*1-methoxy-2-propanol*

*2-ethylhexan-1-ol*

*propan-2-ol (Isopropyl alcohol)*

### Inventories

#### US - TSCA

The following ingredients are listed or exempt:

*1-methoxy-2-propanol*

*2-ethylhexan-1-ol*

*propan-2-ol (Isopropyl alcohol)*

#### 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

Aerosol = Aerosol  
 Eye Irrit. = Eye irritation  
 STOT SE = Specific target organ toxicity-single exposure  
 Press. Gas, Liquefied = Gas under pressure: Liquefied gas  
 Aquatic Chronic = Hazardous to the aquatic environment (chronic)

#### Key literature references and sources for data

This SDS is prepared based on the information received from the product owner.  
 Source: European Chemicals Agency, <http://echa.europa.eu/>

#### Revision comments

This is the first issue.

#### Issued by



## Heavy Duty PROTECT+ 10 OZ

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

<b>Revision date</b>	6/11/2025
<b>Revision</b>	1.0
<b>Supersedes date</b>	6/11/2025
<b>SDS No.</b>	16251
<b>Hazard statements in full</b>	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapor. H226 Flammable liquid and vapor. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.

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.