

BILGE CLEANER

Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product name : BILGE CLEANER

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : ECO MARINE Cleaning and Degreasing

1.3. Details of the supplier of the safety data sheet

Risamar Business Group LLC
4101 NW 124th Ave
Coral Springs, FL 33065

1.4. Emergency telephone number

Emergency number : 954-734-2690

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Irrit. 2 H315
Eye Dam. 1 H318

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H315 - Causes skin irritation
H318 - Causes serious eye damage

Precautionary statements (GHS-US) : P264 - Wash thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 - If on skin: Wash with plenty of water
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a poison center/doctor
P332+P313 - If skin irritation occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Water	(CAS No) 7732-18-5	Trade Secret	Not classified
Glycol Ether Solvent	(CAS No) 34590-94-8	Trade Secret	Flam. Liq. 4, H227 Flammable liquid -Category 4
Trisodium Phosphate	(CAS No) 10101-89-0	Trade Secret	Skin corrosion (Cat1A), H314 Serious eye damage (Cat 1), H318

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Name	Product identifier	%	GHS-US classification
Sodium metasilicate	(CAS No) 6834-92-0	Trade Secret	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 STOT SE 3, H335
Terpene Hydrocarbon	(CAS No) 5989-27-5	Trade Secret	Skin irritation : Category 2 Eye irritation : Category 2B
Alcohols, C9-11, ethoxylated	(CAS No) 68439-46-3	Trade Secret	Acute toxicity - Oral Category 4 Serious Eye Damage - Category 1

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : No specific first aid necessary for this route of exposure.
- First-aid measures after skin contact : May be irritating to skin. Seek medical advice if irritation develops or persists.
- First-aid measures after eye contact : Irritating to eyes. Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation develops or persists.
- First-aid measures after ingestion : Do not induce vomiting; give a glass of water if conscious and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : None under normal use.
- Symptoms/injuries after skin contact : Causes skin irritation.
- Symptoms/injuries after eye contact : Causes serious eye damage.
- Symptoms/injuries after ingestion : Nausea, vomiting, upset stomach.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known.
- Explosion hazard : None known.
- Reactivity : None.

5.3. Advice for firefighters

- Protection during firefighting : Firefighters should wear full protective gear for surrounding fires..

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

None.

6.3. Methods and material for containment and cleaning up

- For containment : If possible, stop flow of product, and avoid large spills into water ways.
- Methods for cleaning up : Confine spill and soak up with absorbent. Place in an approved container and dispose in accordance with local, state and federal regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with eyes. Wash thoroughly after handling.
Keep away from children.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No special storage needed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Glycol Ether Solvent (34590-94-8)		
ACGIH	ACGIH TWA (ppm)	50 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	600 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
IDLH	US IDLH (ppm)	700 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	3600 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	600 ppm

8.2. Exposure controls

Appropriate engineering controls : None required under normal product handling conditions.
Hand protection : Rubber gloves recommended for long term use.
Eye protection : Safety glasses recommended.
Skin and body protection : None required under normal product handling conditions.
Respiratory protection : None required under normal product handling conditions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Transparent, Red
Odor : Citric, orange odor
Odor threshold : No data available
pH : 11-12
Melting point : No data available
Freezing point : No data available
Boiling point : > 98.9 °C (>210 °F)
Flash point : > 200 °C (>212 °F)
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : Not flammable
Vapor pressure : 0.006 (composite)
Relative vapor density at 20 °C : No data available
Relative density : 1.0 gr/cc
Solubility : Total solubility
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : Water like
Viscosity, dynamic : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

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10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

Acids

10.6. Hazardous decomposition products

Not determined.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Water (7732-18-5)	
LD50 oral rat	> 90 ml/kg
Glycol Ether Solvent (34590-94-8)	
LD50 oral rat	>5000 mg/kg
LD50 dermal rabbit	9510 mg/kg
LC50 inhalation rat	LC50, Rat, 7 Hour, vapor, 3.35 mg/l
ATE US (oral)	>470 mg/kg body weight
ATE US (dermal)	>220 mg/kg body weight
Alcohols, C9-11, ethoxylated (68439-46-3)	
LD50 oral rat	1500 mg/kg
Terpene Hydrocarbon (5989-27-5)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	>5000 mg/kg
ATE US (oral)	Not Listed
Sodium metasilicate (6834-92-0)	
LD50 oral rat	1153 mg/kg
ATE US (oral)	600 mg/kg

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Glycol Ether Solvent (34590-94-8)	
LC50 fish 1	1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	> 1900 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

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Sodium metasilicate (6834-92-0)	
LC50 fish 1	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
LC50 fish 2	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)

12.2. Persistence and degradability

Material is practically non-toxic to aquatic organisms on an acute basis

12.3. Bioaccumulative potential

(LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

Glycol Ether Solvent (34590-94-8)	
Log Pow	0.81 (at 25 °C)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the ozone layer : No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with

DOT, IMDG and IATA :

Not Regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Water (7732-18-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Glycol Ether Solvent (34590-94-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Alcohols, C9-11, ethoxylated (68439-46-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
Terpene Hydrocarbon (5989-27-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
Trisodium Phosphate (10101-89-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
Sodium metasilicate (6834-92-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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15.2. US State regulations

Glycol Ether Solvent (34590-94-8)

U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Liq. 4	Flammable liquids Category 4
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 3	Skin corrosion/irritation Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H227	Combustible liquid
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation

NFPA Rating: Fire: 0 Health: 1 Reactivity: 0

HMIS Rating: Health = 1; Flammability = 0; Reactivity = 0; Personal Protection Equipment = B

This SDS has been prepared according to the criteria of the Hazardous Products Regulations (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR. Applicable GHS information is listed in section 2.2 of this SDS.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product