

Safety Data Sheet

Revision date: 11/7/16

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code: INF-850	
Product Name: Inflatable Boat Cleaner	
Manufacturer's Name: MARINE DEVELOPMENT & RESEARCH	Emergency Telephone Number: 352-323-3500
Address (Number, Street, City, State, ZIP) 515 EAST 41 ST ST	Telephone Number for Information: 973-754-7000
PATERSON, NJ 07504	Date Prepared: 11/7/16
	Signature of Preparer (optional):

SECTION 2: HAZARDS IDENTIFICATION

GHS: PHYSICAL HAZARDS:	Corrosive to Metals
GHS: CONTACT HAZARD- SKIN:	Category 1B- Causes severe skin burns and eye damage
GHS: CONTACT HAZARD- EYE:	Category 1- Causes serious eye damage
GHS: ACUTE TOXICITY- INHALATION:	No data available Not classified
GHS: ACUTE TOXICITY- ORAL:	Category 4- Harmful if swallowed
GHS: ACUTE TOXICITY- DERMAL:	No data available. Not classified
GHS: TARGET ORGAN TOXICITY (SINGLE EXPOSURE):	Category 3- May cause respiratory tract infection
GHS: CARCINOGENICITY:	Not classified as a carcinogen per GHS criteria. This product is not classified as a carcinogen by NTP, IARC or OSHA

GHS SYMBOL:

Corrosive, Exclamation mark



GHS SYMBOL WORD: DANGER

GHS HAZARD STATEMENTS:

GHS- Physical Hazard Statement(s)

May be corrosive to metals

GHS- Health Hazard Statement(s)

Causes severe skin burns and eye damage

Causes serious eye damage

Harmful if swallowed

May cause respiratory irritation

SECTION 2: HAZARDS IDENTIFICATION (continued)

GHS- Precautionary Statement(s)- Prevention

Do not breathe dusts or mists
 Wear protective gloves, protective clothing, eye, and face protection
 Wash thoroughly after handling
 Do not eat, drink or smoke when using this product
 Keep only in original container
 Use only outdoors or in a well-ventilated area

GHS-Precautionary Statement(s)- Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present as easy to do. Continue rinsing
 Immediately call a POISON CENTER or doctor/physician
 IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove person to fresh air and keep comfortable for breathing
 Call a POISON CENTER or doctor/physician if you feel unwell
 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
 Call a POISON CENTER or doctor/physician if you feel unwell
 Specific treatment (see First Aid information on product label and/or Section 4 of the SDS)
 Absorb spillage to prevent material damage

GHS- Precautionary Statement(s)- Storage

Store locked up
 Store in a well-ventilated place. Keep container tightly closed
 Store in a corrosive resistant container with a resistant inner liner (NOTE: flammable hydrogen gas may be generated if aluminum container and/or aluminum fittings are used with dissolved material)

- SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS Registry #	% w/w	ACGIH TLV	OSHA PEL
Sodium Metasilicate	6834-92-0	1-5	20mg/m ³	
Alkali Metal Salt of E.D.T.A	64-02-08	1-5	NA	NA
Glycol Ether EB	111-76-2	1-5	240mg/m ³	50ppm

SECTION 4: FIRST-AID MEASURES

General Advice: Remove contaminated clothing.

If Inhaled: If difficulties occur after vapor/ aerosol has been inhaled, remove to fresh air and seek medical attention.

If on Skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in Eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If Swallowed: Rinse mouth and then drink plenty of water. DO NOT induce vomiting. Immediate medical attention required.

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SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: NTB

Method Used: TCC

Flammable Limits:

LFL: N/A

UFL: N/A

Extinguishing Media: Dry chemical; carbon dioxide, water fog

Fire & Explosion Hazards: Containers can rupture and explode under fire conditions due to pressure and vapor buildup.

Fire Fighting Instructions: Treat as a latex paint. Nonflammable

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective clothing. Keep people away and stay on the upwind side.

Environmental Precautions: Do not discharge into drains/ surface waters/ groundwater.

Absorb on fire retardant material. Dispose of in accordance to Local, State and Federal regulations.

SECTION 7: HANDLING AND STORAGE

Handling:

- **General Advice:** Keep in a cool dry place.
- **Protection Against Fire and Explosion:** Take precautionary measures against overheating of drums

Storage:

- **General Advice:** Keep container tightly closed and dry; store in a cool place.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment:

- **Respiratory Protection:** Wear a NIOSH-certified (or equivalent) organic vapor / particulate respirator.
- **Hand Protection:** Chemical resistant protective gloves
- **Eye Protection:** Safety glasses with side-shields
- **General Safety and Hygiene Measures:** Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls: Keep containers closed when not. Do not store near food.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear	Physical State: Liquid
Boiling Point: 212F	Solubility in Water: Complete
Evaporation Rate: Same as water	Density: 8.7 lbs/gal
Freezing Point: 32°F	Specific Gravity: 1.043
Melting Point: 32°F	Vapor Density: Not determined
Molecular Weight: Mixture	Vapor Pressure: Not determined
Odor: Glycol Ether	Viscosity: NA
pH: >10.0	% Volatile: 93%
	Partition Coefficient: NA

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions

Incompatibility: strong Acids, soaps, anionic surfactants, strong oxidizers

Hazardous Decomposition Products: Burning can produce carbon dioxide, carbon monoxide

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Eye: Will produce redness, burning and stinging. Prolonged and/or repeated contact may cause chemical conjunctivitis which may cause blindness

Skin: Prolong or repeated contact with concentrated product will cause irritation and reddening.

Ingestion: May cause nausea, vomiting and mucousal irritation

Inhalation: Will cause irritation and/or burns to the bronchial membranes and/or pulmonary edema

Sub chronic: Unknown

Chronic / Carcinogenicity: Not listed as a known carcinogen

Teratology: Does not contain any harmful reproductive agents

Reproduction: Does not contain any harmful reproductive agents

Mutagenicity: Does not contain any known mutagens

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological Information: Environmental fate and effects are not established.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal of Substance: Dispose of in accordance with national, state, and local regulations. Do not discharge into drains / surface waters / groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container Disposal: Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Dispose of in accordance with national, state and local regulations.

SECTION 14: TRANSPORT INFORMATION (Not meant to be all inclusive)

D.O.T. Shipping Name: Not Regulated
Technical Shipping Name: Specialty Cleaning Preparation
D.O.T. Hazard Class: NA
U.N. / N.A. Number: NA
Product RQ (lbs): NA
D.O.T. Label: NA
D.O.T. Placard: NA

SECTION 15: REGULATORY INFORMATION (Not meant to be all inclusive- selected regulation represented)

TSCA Status: All Components listed or Exempt
CERCLA Reportable Quantity: Not Regulated
SARA Title III:
 Section 302 Extremely Hazardous Substances: Not Regulated
 Section 311/312 Hazardous Categories: Acute Health Hazard
 Section 313 Toxic Chemicals: Not Regulated
RCRA Status: Not Listed
SCAQMD Information: Not Listed

California Proposition 65: None of the products composing this mixture is listed under Proposition 65

SECTION 16: OTHER INFORMATION

New Jersey Right to Know Information**Hazard Rating System:**

	HMIS III Rating	NFPA Hazard Codes
Health	1	1
Flammability	0	0
Reactivity	NA	0
Physical Hazard	0	NA

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