

SAFETY DATA SHEET

BILGE MASTER

SECTION 1- PRODUCT IDENTIFICATION

PRODUCT NAME BILGE MASTER
SYNONYMS Product is a mixture: No synonyms are available
PRODUCT USE PH Neutral Material
SUPPLIER THE BUYING NETWORK INC.
SUPPLIER'S ADDRESS 420 S 96TH ST, Seattle, WA 98108
(206) 764-5560
EMERGENCY RESPONSE PHONE PERS: 1-800-633-8253

SECTION 2 – HAZARD IDENTIFICATION

GHS – US CLASSIFICATION : Not Regulated by OSHA (GHS)

HAZARD PICTOGRAMS : Not applicable.
SIGNAL WORD : Not classified by GHS
GHS LABEL ELEMENTS : The product is classified and labeled according to the Globally Harmonized System (GHS).
GHS PHYSICAL HAZARDS : Not applicable. May cause eye irritation.
: Not applicable. May be harmful if swallowed.

PRECAUTIONARY STATEMENTS (GHS-US) : P101 If medical advice is needed, have product container or label at hand.
: P102 Keep out of reach of children.
: P103 Read label before use.
: P301+ P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
: P302+P303 IF ON SKIN: Wash with plenty of soap and water.
: P305+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
: P337+P313 If eye irritation persists: Get medical advice/attention.
: P501 Dispose of contents/container in accordance with local/regional/national/international regulations

CLASSIFICATION SYSTEM : NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme.
NFPA RATINGS (SCALE 0-4) : Health = 2, Fire = 0, Reactivity = 0
HMIS RATINGS (SCALE 0-5) : Health = 2, Fire = 0, Reactivity = 0

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTIC : Mixtures
DESCRIPTION : Mixture of the substances listed below with nonhazardous additions.

COMPONENT	PERCENT	CAS #	EC #	GHS CLASS
Tetrapotassium Pyrophosphate	0.1-1	7320-34-5	230-785-7	Eye Irrit Cat 2A
Ethylenediamine Tetraacetate Na salt	0.1-1	64-02-8	200-573-9	Skin Irrit Cat 2, Eye Dam Cat 2A
Cocoamidopropyle Betaine	1-5	61789-40-0	263-058-8	Eye Irrit Cat 2B
Alcohol Ethoxylate	1-5	127087-87-0	500-315-8	Eye Dam Cat 1

Irrit = Irritation, Corr = Corrosion, Cat = Category, Dam = Damage, Tox = Toxic.

SECTION 4 – FIRST AID MEASURES

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DESCRIPTION OF FIRST AID MEASURES

- GENERAL** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. Show the label where possible.
- EYE CONTACT** : Immediately flush eyes with water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. If irritation persists, get immediate medical attention.
- SKIN CONTACT** : Remove contaminated clothing and shoes. Wash affected skin area with soap and water. If irritation occurs, get medical attention.
- SWALLOWING (INGESTION)** : If ingested, dilute swallowed material by drinking water. **DO NOT INDUCE VOMITING.** If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops.
- INHALATION** : Remove to fresh air. If symptoms persist, get medical attention.
- OTHER INSTRUCTIONS** : Rescue personnel must wear appropriate protective equipment during removal of victims from contaminated areas. Treat symptomatically and supportively.

SECTION 5 – FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA** : Dry chemical, foam, water or carbon dioxide.
- SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS** : In the event of a fire, wear a NIOSH (USA) or CEN (EU) approved, positive pressure, self-contained breathing apparatus (SCUBA) and full protective clothing. Evacuate all non-essential personnel from the danger area. Use water spray to cool nearby containers.
- UNUSUAL FIRE AND EXPLOSION HAZARDS** : No further relevant information is available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES** : Restrict access to keep out unauthorized or unprotected personnel. Wear protective equipment. Avoid inhalation and direct contact.
- ENVIRONMENTAL PROCEDURES** : Keep spilled material away from sewage/drainage systems and waterways.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP** : All clean-up personnel must be properly trained. Confine the spill and remove incompatible materials and ignition sources. Ensure adequate ventilation. Secure the source of the leak if conditions are safe. Neutralize spill and collect using an appropriate absorbent material such as clay or vermiculite. Place waste in an appropriate container for disposal. Use care during clean-up to avoid exposure to the material and injury from broken containers.

SECTION 7 – HANDLING AND STORAGE

- PRECAUTIONS FOR SAFE HANDLING** : Use with adequate ventilation. Wear proper protective equipment. Do not mix with water or acids without proper dilution and agitation to prevent a potentially violent reaction.
- CONDITIONS FOR SAFE STORAGE** : Store in closed, properly labeled containers. Protect containers from heat, physical damage, ignition sources and incompatible materials. Have emergency equipment for fires and spills readily available.



SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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TLV (THRESHOLD LIMIT VALUE) : The TLV in section in section III is the ACGIH/TLV-TWA (threshold limit value/time weighted average concentration for an eight hour work day). The STEL is the short term exposure limit and the (Ceil) is the ceiling limit.

COMPONENT	OSHA PEL – TWA	ACGIH – TLV	ACGIH – STEL
Tetrapotassium Pyrophosphate	Not Established	Not Established	Not Established
Ethylenediamine Tetraacetate 4Na salt	Not Established	Not Established	Not Established
Cocoamidopropyl Betaine	Not Established	Not Established	Not Established
Alcohol Ethoxylate	Not Established	Not Established	Not Established

EYE PROTECTION : Wear chemical safety glasses or goggles.

SKIN PROTECTION : Minimize contact with product. Wear chemical resistant coveralls, boots, gloves, apron and/or suitable long-sleeved clothing.

RESPIRATORY PROTECTION : In case of brief exposure use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

VENTILATION : Ensure adequate ventilation.

ADDITIONAL MEASURES : Emergency eyewash and safety shower facilities should be available in the immediate work area.

REQUIRED WORK/HYGIENE : Wash hands thoroughly after handling. Keep away from all food stuffs, beverages and feed. Do not eat, drink or smoke in work area.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Clear colorless semi-viscous liquid with mild odor.

ODOR : Mild pleasant fragrance.

ODOR THRESHOLD : Not available

PH : 7.0 - 8.0: AS IS

MELTING POINT/FREEZING POINT : Not available

BOILING POINT : Approx. 212° F.

FLASH POINT : Non flammable, non combustible

EVAPORATION RATE : Not available

FLAMMABILITY : Non flammable, Non combustible

LOWER FLAMMABILITY LIMIT : Not available

UPPER FLAMMABILITY LIMIT : Not available

VAPOR PRESSURE : Not available

VAPOR DENSITY (AIR=1) : Not available

RELATIVE DENSITY : 1.0

SOLUBILITY IN WATER : Soluble in water

PARTITION COEFFICIENT n-OCTANOL/WATER : Not available

AUTOIGNITION TEMPERATURE : Not available

DECOMPOSITION TEMPERATURE : Not available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY : Stable under recommended storage conditions.

HAZARDOUS CONDITIONS TO AVOID : No decomposition if used according to specifications

INCOMPATIBLE MATERIALS : Keep away from strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS : No dangerous decomposition products known.

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SECTION 11 – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION : **Tetrapotassium Pyrophosphate**
ACUTE TOXICITY : Oral - rat LD50: > 2980 mg/kg; slightly toxic
Dermal - rabbit LD50: > 7940 mg/kg; practically nontoxic
Eye Irritation - rabbit: 11.1/110.0; moderately irritating
Skin Irritation - rabbit: 0.5/8.0 (24-hr exposure); practically nonirritating.

TOXICOLOGICAL INFORMATION : **Ethylenediamine Tetraacetate**
ACUTE TOXICITY : LD50 Oral (rat): 630 - 1,260 mg/kg,
INHALATION LC50 : No data available
DERMAL LD50 : No data available
OTHER INFORMATION ON ACUTE TOXICITY : No data available

TOXICOLOGICAL INFORMATION : **Cocoamidopropyl Betaine**
ACUTE TOXICITY : LD50 Oral (rat): 5000-15,000 mg/kg.
INHALATION LC50 : No data available
DERMAL LD50 : No data available
CARCINOGENICITY : This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
MUTAGENICITY : Not mutagenic in AMES test.

TOXICOLOGICAL INFORMATION : **Ethoxylated Alcohol N-12**
ACUTE TOXICITY : LD50 Oral (rat: 3,989-5,000 mg/kg,
INHALATION LC50 : No data available.
DERMAL LD50 : LD50 Dermal (rabbit): 3,228-5,000 mg/kg.
SENSITIZATION SKIN : For this family of materials: Did not cause allergic skin reactions when tested in humans.
REPEATED DOSE TOXICITY : For this family of materials: In animals, effects have been reported on the following organs: Heart.

SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION : **Tetrapotassium Pyrophosphate**
ECOTOXICITY : 48-hr EC50 Daphnia magna: > 100 mg/l, Practically Nontoxic
96-hr LC50 Mysid Shrimp > 100 mg/l, Practically Nontoxic
96-hr LC50 Rainbow trout: > 100 mg/l, Practically Nontoxic.
ENVIRONMENTAL FATE : Phosphates: Inorganic phosphates, including this product, at high concentrations in the environment have the potential to cause eutrophication in aquatic systems. This condition is characterized by excessive algal growth, and subsequent decreases in oxygen levels. In general, proper use and disposal of this product should pose no adverse ecological risk.

ECOLOGICAL INFORMATION : **Ethylenediamine Tetraacetate**
ECOTOXICITY : No data available.
PERSISTENCE AND DEGRADABILITY : No data available.
BIOACCUMULATIVE POTENTIAL : No data available.

ECOLOGICAL INFORMATION : **Cocoamidopropyl Betaine**
ECOTOXICITY : Not available
PERSISTENCE AND DEGRADABILITY : No data available

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BIOACCUMULATIVE POTENTIAL	:	No data available
ECOLOGICAL INFORMATION	:	Ethoxylated Alcohol NP-12
ECOTOXICITY	:	For this family of materials: Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in most sensitive species tested).
FISH ACUTE AND PROLONGED TOXICITY	:	For this family of materials: LC50, fathead minnow (<i>Pimephales promelas</i>), 96 h: 1.6 - 24 mg/l
AQUATIC INVERTEBRATE ACUTE TOXICITY	:	For this family of materials: LC50, water flea <i>Daphnia magna</i> , 48 h: 23.1 - 71.8 mg/L For this family of materials: EC50, water flea <i>Daphnia magna</i> , 48 h, immobilization: 23.1 mg/L.
PERSISTENCE AND DEGRADABILITY	:	No data available For this family of materials: Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	:	This product must be disposed of in accordance with Federal, state and local environmental regulations. Discarded materials may be considered hazardous waste due to pH/corrosivity. It is the responsibility of the product user to determine at the time of disposal whether a material containing, or derived from this product, should be classified as a hazardous waste.
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SECTION 14 – TRANSPORTATION INFORMATION

DOT/IMDG/ IATA PROPER SHIPPING NAME	:	Not Hazardous
HAZARD CLASS AND LABEL	:	Not Applicable.
UN NUMBER	:	Not Applicable.
PACKAGING GROUP	:	Not Applicable.
EPA REPORTABLE QUANTITY (RQ)	:	Not Applicable.
MARINE POLLUTANT	:	Not listed.
EMERGENCY RESPONSE GUIDE	:	Not Applicable.

SECTION 15 – REGULATORY INFORMATION

U.N. GHS CLASSIFICATION & LABELING INFORMATION: See Section 2 for GHS Hazard Information

U.S. FEDERAL REGULATORY INFORMATION:

LISTED CARCINOGEN	:	Not listed.
TSCA STATUS	:	The ingredients of this product are listed in TSCA inventory (40CFR 710.)
SARA SECTION 302	:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA SECTION 312	:	Chronic health hazard (Glycol Ether DPM).
SARA SECTION 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
NFPA HEALTH	:	1
NFPA FLAMMABILITY	:	0
NFPA REACTIVITY	:	0

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CANADIAN REGULATORY INFORMATION:

WHMIS CATEGORY : D2B: Materials that cause other toxic effects (TOXIC).
(Tetrapotassium Pyrophosphate & EDTA)

DOMESTIC SUBSTANCES LIST (DSL) : Listed

INGREDIENT DISCLOSURE LIST : Listed



SECTION 16 – OTHER INFORMATION

DISCLAIMER : The information contained herein has been compiled from sources believed to be reliable and accurate to the best of our knowledge at this date. It is provided without warranty, expressed or implied, as to the results of use of this information or to the product to which it relates. Wesmar Co. assumes no responsibility for injury to any person or property resulting from any use of the material. Each user assumes the risk in their use of this product and should review the data and recommendations in the specific context of their intended use.

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act.

EINECS : European Inventory of Existing Commercial Chemical Substances

IMDG : International Maritime Code for Dangerous Goods

IARC : International Agency for Research on Cancer

IATA : International Air Transportation Association

ACGIH : American Conference of Governmental Industrial Hygienists

NFPA : National Fire Protection Association (USA)

NTP : National Toxicology Program

SARA : Superfund Amendments and Reauthorization Act

TSCA : Toxic Substances Control Act

HMIS : Hazardous Materials Identification System (USA)

WHMIS : Workplace Hazardous Materials Information System

LC50 : Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

STOT : Systemic Target Organ Toxicity

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