

SAFETY DATA SHEET

FABRICMASTER HD

SECTION 1- PRODUCT IDENTIFICATION

PRODUCT NAME:..... FABRICMASTER HD
SYNONYMS: Product is a mixture: No synonyms are available.
PRODUCT USE:..... Moderately Alkaline Material
SUPPLIER:..... **HYDRAMASTER CORP.**
SUPPLIER'S ADDRESS: 11015 47TH AVE. W, MUKILTEO, WA 98275, (425) 775-7272
EMERGENCY RESPONSE NUMBER: PERS: 1-800-633-8253

SECTION 2 – HAZARD IDENTIFICATION

GHS07 Irritant



PRODUCT CLASSIFICATION:

SIGNAL WORD: WARNING

GHS HEALTH HAZARD STATEMENT: H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

GHS LABEL ELEMENTS:..... The product is classified and labeled according to the Globally Harmonized System (GHS).

P STATEMENTS: 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.

P264: Wash skin and contaminated clothing thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear suitable protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of soap and 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.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362: Take off contaminated clothing.

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 characterization:..... Mixtures

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Description:..... Mixture of the substances listed below with nonhazardous additions.

COMPONENT	PERCENT	CAS #	EC #	GHS CLASS
Diethylene Glycol Monobutyl Ether	5-10	112-34-5	203-961-6	Eye Irrit: Cat 2B
Monoethanolamine	1-5	141-43-5	200-659-6	Skin Corr Cat 1B
Sodium Octane Sulfonate	1-5	5324-84-5	226-195-4	Skin Irrit Cat 2, Eye Irrit Cat 2A STOT SE Cat 3
Alcohol Ethoxylate	1-5	68439-46-3	Not Found	Eye Irrit Cat 2B
Sodium Thiosulfate	1-5	7772-98-7	231-867-5	Eye Irrit Cat 2B

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

Also contains biodegradable non hazardous preservative.

SECTION 4 – FIRST AID MEASURES

EYE CONTACT:Immediately flush eyes with water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Get immediate medical attention.

SKIN CONTACT:.....Remove contaminated clothing and shoes. Wash affected skin area with soap and water. Delayed skin damage is possible if product is not completely washed off. Get immediate 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. Never give anything by mouth to an unconscious person. Get immediate medical attention.

INHALATION:.....Remove to fresh air. Get immediate 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.

UNUSUAL FIRE AND

EXPLOSION HAZARDS:No further relevant information is available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT

AND EMERGENCY PROCEDURES:...Restrict access to keep out unauthorized or unprotected personnel. Wear protective equipment. Avoid inhalation and direct contact.

ENVIRONMENTAL PRECAUTIONS: .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

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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

TLV (THRESHOLD LIMIT VALUE):.....The TLV 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
Diethylene Glycol Monobutyl Ether	Not Established	Not Established	Not Established
Monoethanolamine	Not Established	Not Established	Not Established
Alcohol Ethoxylate (91-6)	Not Established	Not Established	Not Established
Sodium Thiosulfate	Not Established	Not Established	Not Established

- EYE PROTECTION:**Wear chemical splash goggles or face shield.
- 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 light amber liquid with mild odor
- ODOR:**Mild odor.
- ODOR THRESHOLD:**.....Not Available
- pH:** 11.0 ± 11.5 AS IS
- MELTING POINT/FREEZING POINT:**Not available
- BOILING POINT:**.....Not available

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FLASHPOINT: Not applicable
EVAPORATION RATE: Not Available
FLAMMABILITY: Non flammable, non combustible
LOWER FLAMMABILITY LIMIT: Not applicable
UPPER FLAMMABILITY LIMIT: Not applicable
VAPOR PRESSURE: Not Available
VAPOR DENSITY (AIR=1): Not determined
RELATIVE DENSITY: 1.01
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.

SECTION 11 – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:... Diethylene Glycol Monobutyl Ether:

ACUTE TOXICITY: Oral LD50 Oral (rat): 5560 mg/kg. LC50 dermal and inhalation: Not listed.
CHRONIC EXPOSURE EFFECTS:..... Prolonged absorption causes liver and kidney damage, and red cell haemolysis (blood in urine) in laboratory animals; no such effects have been seen in humans
SENSITIZING: Not a sensitizer.
CARCINOGENICITY: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC, ACGIH, NTP, and OSHA.

TOXICOLOGICAL INFORMATION:... Monoethanolamine

ACUTE TOXICITY: LD50 rat (oral): 1,515 mg/kg, LC50 rat (by inhalation): > 1.3 mg/l 6 h (IRT) The European Union (EU) has classified this substance as 'harmful'. The vapor was tested. LD50 rabbit (dermal): 2,504 mg/kg (OECD Guideline 402)

TOXICOLOGICAL INFORMATION:... Ethoxylated Alcohol 91-6

ACUTE TOXICITY: LD50 Oral (rat): 1,378 mg/kg,
INHALATION LC50: No data available
DERMAL LD50: LD50 Dermal (rat): > 5,000 mg/kg
PRIMARY SKIN IRRITATION: (Rabbit) Moderate to severely irritating.
PRIMARY EYE IRRITATION: (Rabbit) Severely irritating.

TOXICOLOGICAL INFORMATION:... Sodium Octane Sulfonate

ACUTE TOXICITY IRRITATION

INHALATION: Inhalation may cause pain in respiratory system, sneezing coughing and difficulty in breathing.
CARCINOGENICITY: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

TOXICOLOGICAL INFORMATION:... Sodium Thiosulfate

ACUTE TOXICITY: LD50: Not available. May cause irritation to Eyes, skin and Respiratory tract.

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SENSITIZATION: Not a sensitizer.

SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Diethylene Glycol Monobutyl Ether:

ECOTOXICITY: This product cannot accumulate in living tissue; diluted, this product is readily and rapidly in a wastewater treatment facility; in BOD test, 88% degraded in 28 days; half-life in air estimated as 10 hours

ECOLOGICAL INFORMATION: Monoethanolamine

ECOTOXICITY: Toxicity to fish:LC50 (96 h) 349 mg/l, Cyprinus carpio
LC50 (96 h) 170 mg/l, Carassius auratus
Aquatic invertebrates: EC50 (48 h) 65 mg/l, Daphnia magna
Aquatic plants: EC50 (72 h) 2.5 mg/l (growth rate), Selenastrum capricornutum.
EC50 (72 h) 22 mg/l (growth rate), Scenedesmus subspicatus
Microorganisms/Effect on activated sludge:
EC20 (0.5 h) > 1,000 mg/l, activated sludge, domestic

ECOLOGICAL INFORMATION: Ethoylated Alcohol 91-6

ECOTOXICITY: LC50 Rainbow Trout: 1-10 mg/l, 96hr. Value estimated from tests on similar products.
LC50 Fathead Minow: 6 mg/l, 96hr. Value estimated from tests on similar products.

BIODEGRADABILITY: Readily biodegradable.

PERSISTENCE AND DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL: ... No data available

ECOLOGICAL INFORMATION: Sodium Octane Sulfonate

ACUTE TOXICITY FISH, DAPHNIA, BACTERIA: No ecological data available for this material.

ECOLOGICAL INFORMATION: Sodium Thiosulfate

ECOTOXICITY: No data available.

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.

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.

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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 on TSCA inventory (40CFR 710.)
SARA SECTION 302: None
SARA SECTION 312: Acute health hazard.
SARA SECTION 313: Not listed
NFPA HEALTH: 2
NFPA FLAMMABILITY:..... 0
NFPA REACTIVITY: 0

EUROPEAN UNION REGULATORY INFORMATION:

EC CLASSIFICATION:..... Non Hazardous
DSD/DPD RISK (R) PHRASES: R22: Harmful if swallowed.
R36/38: Irritating to eyes and skin.
DSD/DPD SAFETY (S) PHRASES: S1/2: Keep locked up and out of reach of children.
S24/25: Avoid contact with eyes and skin.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/S37/39: Wear suitable protective clothing, gloves and eye/face protection.
S45: In case of accidents or if you feel unwell, seek medical advice immediately. Show label where possible.
S61: Avoid release to the environment.
S62: If swallowed, do not induce vomiting.
S64: If swallowed, rinse mouth with water if victim is conscious.
DSD/DPD HAZARD SYMBOL: Exclamation Mark

CANADIAN REGULATORY INFORMATION:

WHMIS CATEGORY: D2B: Materials that cause other toxic effects (TOXIC).
DOMESTIC SUBSTANCES LIST (DSL): Listed
INGREDIENT DISCLOSURE LIST: Listed



SECTION 16 – OTHER INFORMATION

REFERENCES: 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. Hydramaster Corp. 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.

FOOT NOTES:..... N/A = Not Applicable
IMDG:..... International Maritime Code for Dangerous Goods
DOT:..... US Department of Transportation
IATA: International Air Transportation Association
ACGIH:..... American Conference of Governmental Industrial Hygienists

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NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
TOST:..... Target Organ Systemic Toxicity
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