

SAFETY DATA SHEET

FASTBREAK HD

SECTION 1- PRODUCT IDENTIFICATION

PRODUCT NAME : FASTBREAK HD
SYNONYMS : Product is a mixture: No synonyms are available.
PRODUCT USE : Mildly Alkaline Material
SUPPLIER : HYDRAMASTER CORP.
SUPPLIER'S ADDRESS : 1500 Industry St. Suite 300
Everett, WA 98203 (425) 775-7272
EMERGENCY RESPONSE PHONE NUMBER : PERS: 1-800-633-8253

SECTION 2 – HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS U.S. – CLASSIFICATION : H302 Harmful if swallowed.
: H315 Causes skin irritation
: H319 Causes serious eye irritation

LABEL ELEMENTS : **GHS – US HAZARD PICTOGRAMS** The product is classified and labeled according to the Globally Harmonized System (GHS).

HAZARD PICTOGRAMS :



SIGNAL WORD : WARNING
HAZARD STATEMENTS (GHS-US) : Not established
: H302 Harmful if swallowed.
: H315 Causes skin irritation.
: H319 Causes serious eye irritation.

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.
: 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+351+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.
: 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

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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 | 5-10 | 7320-34-5 | 230-785-7 | Not Established |
| Diethylene Glycol Monobutyl Ether | 10-20 | 112-34-5 | 203-961-6 | Eye Irrit Cat 2B |
| Sodium Dodecylbenzene Sulfonate | 5-10 | 25155-30-0 | 246-680-4 | Skin Irrit Cat 4, Eye Dam Cat 2 Acute Tox Cat 4, STOT SE Cat 3 |
| Acrylic Polymer(s) | 5-10 | Trade Secret | N/A | Not found |

Corr. = Corrosion, Irrit = Irritant, Dam. = Damage, Cat = Category, Tox = Toxic, STOT SE = Specific Target Organ Toxicity, Single Exposure, Inhal = Inhalation.

SECTION 4 – FIRST AID MEASURES

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. Remove contact lenses, if present and easy to do so. Continue rinsing. If irritation persists, get immediate medical attention.

SKIN CONTACT : Remove contaminated clothing and shoes. Wash affected skin area with soap and water. If irritation persists, 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 & 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 : All clean-up personnel must be properly trained. Confine the spill and remove

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FOR CONTAINMENT AND CLEAN-UP

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

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 |
| Diethylene Glycol Monobutyl Ether | Not Established | Not Established | Not Established |
| Sodium Dodecylbenzene Sulfonate | Not Established | Not Established | Not Established |
| Acrylic Polymer(s) | 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

: Opaque light amber viscous liquid with mild odor.

ODOR

: Mild odor

ODOR THRESHOLD

: Not available

PH

: 8.75 ± 0.5 AS IS

MELTING POINT/FREEZING POINT

: Not available

BOILING POINT

: Approx. 212° F.

FLASH POINT

: Nonflammable, Noncombustible

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| | |
|---|--------------------------------|
| EVAPORATION RATE | : Not available |
| FLAMMABILITY | : Nonflammable, Noncombustible |
| LOWER FLAMMABILITY LIMIT | : Not available |
| UPPER FLAMMABILITY LIMIT | : Not available |
| VAPOR PRESSURE | : Not available |
| VAPOR DENSITY (AIR=1) | : Not available |
| RELATIVE DENSITY | : 1.13 |
| 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

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| 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

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|-----------------------------------|---|
| 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 | : Diethylene Glycol Monobutyl Ether |
| ACUTE TOXICITY | : Oral LD50 Oral (rat): 5560 mg/kg. LC50 dermal and inhalation: Not listed. |
| CHRONIC EFFECTS | : Prolonged absorption causes liver and kidney damage, and red cell hemolysis (blood in urine) in laboratory animals; no such effects have been seen in humans |
| SENSITISATION | : 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 | : Sodium Dodecylbenzene Sulfonate |
| ACUTE TOXICITY | : LD50 Oral rat: 438 mg/kg. |
| INHALATION TOXICITY | : No data available |
| DERMAL TOXICITY | : No data available |
| SKIN CORROSION/IRRITATION | : Skin – rabbit Result: Skin irritation - 24 h |
| SERIOUS EYE DAMAGE/IRRITATION | : Eyes – rabbit Result: Severe eye irritation - 24 h |
| RESPIRATORY/SKIN SENSITISATION | : No data available |
| GERM CELL MUTAGENICITY | : No data available |
| CARCINOGENICITY | : No components of this product present at levels greater than or equal to 0.1% are identified as probable, possible, or confirmed human carcinogen by IARC ACGIH, NTP or OSHA. |

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| | |
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| TOXICOLOGICAL INFORMATION | : Acrylic Polymer(s) |
| ACUTE TOXICITY | : LD50 Oral (rat): > 2,000 mg/kg LD50 Dermal (rabbit): > 5,000 mg/kg |
| SKIN & EYE IRRITATION | : Mild skin Irritant. Mild eye irritant. |
| CARCINOGENICITY | : No data available. |
| SENSITISATION | : No allergic response observed. |

SECTION 12 – ECOLOGICAL INFORMATION

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| 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 | : 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 says; half-life in air estimated as 10 hours. |
| PERSISTENCE AND DEGRADABILITY | : No data available. |
| ECOLOGICAL INFORMATION | : Sodium Dodecylbenzene Sulfonate |
| TOXICITY TO FISH | : Mortality NOEC - Oncorhynchus kisutch - 3.1 mg/l - 3 d Mortality LOEC - Oncorhynchus kisutch - 5.6 mg/l - 3 d LC50 - Oncorhynchus mykiss (rainbow trout) - 3.2 - 5.6 mg/l - 96 h |
| ECOLOGICAL INFORMATION | : Acrylic Polymer(s) |
| TOXICITY TO FISH | : LC50: Brachydanio rerio/96 hr.: > 100 mg/L. LC50: Daphnia magna/48 hr.: > 100 mg/L. |
| BIOACCUMULATION | : This product is not expected to bioaccumulate. |
| PERSISTENCE/DEGRADABILITY | : Not readily biodegradable. |

SECTION 13 – DISPOSAL CONSIDERATIONS

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|-----------------------|---|
| 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

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| DOT/IMDG/ IATA PROPER SHIPPING NAME | : Not Hazardous |
| HAZARD CLASS AND LABEL | : Not Applicable. |
| UN NUMBER | : Not Applicable. |
| PACKAGING GROUP | : Not Applicable. |

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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 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 : 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 : Xi: Irritant



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

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. Hydramaster Corp. assumes no responsibility for injury to any person or property resulting from any use of the material. Each user

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assumes the risk in their use of this product and should review the data and recommendations in the specific context of their intended use.

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| 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 |
| DATE PREPARED | : MAR 1, 2018 |
| DATE REVISED | : NOV 7, 2022 |