cleanslate

Milford Builder

1.CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Milford Builder
Product Use	Alkali Builder/Break
Product Code	4038
For Medical Emergency	Call Chemtrec 1-800-424-9300
Supplier's Information	Cleanslate Inc. 1420 East Linden Avenue, Linden NJ 07036

2.HAZARD IDENTIFICATION

GHS Classification. 1. Skin - Category 1
2. Eyes - Category 1

GHS Label Element.

Signal Word. Danger

Hazard Statement. Causes severe skin burns and eye damage.

Precautionary Statements. Wear protective gloves, splash goggles, face shield, full suit, vapor respirator and boots. Do not breathe mist /vapors /spray. Wash thoroughly after handling.

Acute Effects

Eyes. Severely corrosive to the eyes. Causes severe burns. Eye exposure may cause severe and permanent eye injury (blindness).

Skin. Severely corrosive to the skin. Causes severe burns. The amount of tissue damage depends on length of contact. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.

Inhalation. May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system. Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath.

Ingestion. Toxic if swallowed. May cause burns to mouth, throat and stomach. May be fatal is swallowed.

Chronic Effects

Carcinogenicity. No known critical effects or critical hazards.

Product /Ingredient Name. Not available.

3.COMPOSITION/INFORMATION ON INGREDIENTS

Name of Hazardous Ingerdients	CAS No.	WT.%
Sodium Hydroxide	1310-73-2	30-40
Amino Tris (methylene phosphonic acid)	6419-19-8	1-2

4.FIRST AID MEASURES

Eye Contact. Check for and remove any contact lenses. Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention immediately.

Skin Contact. Wash skin with copious amounts of water. Seek medical attention immediately.

Inhalation. Remove to fresh air. Seek medical attention immediately.

Ingestion. Do not induce vomiting. Drink copious amounts of water. Seek medical attention immediately.

5.FIRE FIGHTING MEASURES

Suitable Fire Extinguishing Media. Use water spray, fog or foam

Specific Hazards Arising from the Chemical. In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous Thermal Decomposition Products. Decomposition products may include following materials; Carbon Dioxides, Carbon Monoxides.

Specific Fire-Fighting Methods. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Specific Protective Equipment for Fire-Fighters. Fire-Fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Milford Builder

6.ACCIDENTAL RELEASE MEASURES

Spill Clean Up. Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move Containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7.HANDLING AND STORAGE

Handling. Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container. Wash thoroughly after handling.

Storage. Store between the following temperatures: 4.44 to 48.9°C (40 to 120°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8.EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ingerdients Name	Exposure Limits
Sodium Hydroxide	OSHA PEL 2 mg/m^3

Personal Protective Equipment

Eyes. Splash goggles or face shield.

Skin. Use synthetic apron, other protective equipment as necessary to prevent skin contact.

Body. Face shield, full suit, vapor respirator, boots and gloves.

Respiratory. A self contained breathing apparatus should be used to avoid inhalation of product. Be sure to use an approved /certified respirator or equivalent.

9.PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Clear liquid
Color	Brown
Odor	Bland
pH	≥13
Flash point	None
Explosion limits	Not available
Flammability (solid, gas)	Not available
Melting point	Not available
Boiling point	>100°C (212F)
Evaporation rate (butyl acetate = 1)	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.45 (Water = 1)
Solubility	Easily soluble in the following materials: cold water and hot water
Partition coefficient n-octano/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Odor threshold	Not available
Viscosity	Kinematic (room temperature): ≤ 10 CPS

Milford Builder

10.STABILITY AND REACTIVITY

Stability. The product is stable.

Possibility of hazardous reactions. Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid. Strong acids.

Materials to avoid. Reactive with oxidizing agents, reducing agents, metals, acids.

Hazardous decomposition products. Under normal conditions of storage and use, hazardous decomposition should not be produced. If heated, see section 05.

11.TOXICOLOGICAL INFORMATION

Product/Ingredient Name	Result	Species	Dose
Sodium Hydroxide	LD50 Oral	Rat	500 mg/kg
Amino Tris (methylene phosphonic acid)	LD50 Oral	Rat	2190 mg/kg

12.ECOLOGICAL INFORMATION

N/A

13.DISPOSAL CONSIDERATIONS

Waste Information.

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

14.TRANSPORT INFORMATION

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification	UN3266	Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide)	8	III	

Note. DOT classification applies to most package sizes. For specific container size classifications or size exceptions, refer to the bill of lading with your shipment.

PG*. Packing Group

15.REGULATORY INFORMATION

U.S. Federal Regulations

TSCA 8(b) inventory. All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances. No listed substance

SARA 302/304 emergency planning and notification. No listed substance

SARA 313	Product Name	CAS Number	Concentration
Form R-Reporting requirements	No listed substance		

16.OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. **Date of Issue: 02/08/2022**

*Hazard Determination System (HDS):

Health	3
Reactivity	0
Flammability	0

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

T 866.510.8080 | F 908.374.7149

info@cleanslategrp.com