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## SAFETY DATA SHEET MTD-MULTI-TEMP DETERGENT

### 1. Product and Company Identification

**Product Code:** 

4213

**Product Name:** 

MTD-MULTI-TEMP DETERGENT

Revision:

09/01/2022

Supersedes Revision: 07/10/2017

Manufacturer Information:

PDQ Manufacturing, Inc.

201 Victory Circle

Ellijav, GA 30540

Web site address:

www.pdgonline.com

**Emergency Contact:** 

Infotrac (800)535-5053 / 24 Hour Leak, Spill, Exposure, Fire, Accident

Supplier Name and Address: HYMAN PAPER COMPANY

P.O. BOX 5388

Phone Number:

Phone Number:

(706)636-1848

843/395-0215

FLORENCE, SC 29502

#### 2. Hazards Identification

Skin Corrosion/Irritation, Category 1A



**GHS Signal Word:** 

Danger

GHS Hazard Phrases:

H314 - Causes severe skin burns and eye damage.

**GHS Precaution Phrases:** 

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves and eye protection.

**GHS Response Phrases:** 

P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated

clothing. Rinse skin with water/shower.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position

comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling

poison control center or physician.

P310 - Immediately call a POISON CENTER or doctor/physician.

P321 - Specific treatment see section 4 of this SDS. P363 - Wash contaminated clothing before reuse.

**GHS Storage and Disposal** 

P405 - Store locked up.

Phrases:

P501 - Dispose of contents/container according to local/regional regulations.

Potential Health Effects (Acute and Chronic):

Inhalation:

Harmful if inhaled. Causes severe irritation of upper respiratory tract with coughing,

burns, breathing difficulty, and possible coma.

**Skin Contact:** 

May cause deep, penetrating ulcers of the skin. Causes redness and pain. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color.

**Eye Contact:** 

Causes severe eye burns. May cause irreversible eye injury. Contact may cause

ulceration of the conjunctiva and cornea. Eye damage may be delayed. Causes redness and pain.

Licensed to PDO Manufacturing Inc

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Ingestion:

Harmful if swallowed. Causes gastrointestinal tract burns.

### 3. Composition/Information on Ingredients

CAS# Hazardous Components (Chemical Name) Concentration

1310-73-2 Sodium hydroxide {Caustic soda; Lye solution} <50.0 %

#### 4. First Aid Measures

**Emergency and First Aid** 

Procedures:

Remove from exposure and move to fresh air immediately. If breathing is difficult, give In Case of Inhalation:

oxygen. Get medical aid.

In Case of Skin Contact: Get medical aid immediately. Flush skin with plenty of water for at least 15 minutes while

removing contaminated clothing and shoes. Wash clothing before reuse. Discard

contaminated clothing in a manner which limits further exposure. Destroy contaminated

shoes.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and

lower eyelids. Get medical aid immediately. Do NOT allow victim to rub eyes or keep

eyes closed.

Never give anything by mouth to an unconscious person. Get medical aid immediately. If In Case of Ingestion:

victim is fully conscious, give a cupful of water.

#### 5. Fire Fighting Measures

Flash Pt:

Method Used: Estimate

**Explosive Limits:** 

LEL: No data.

UEL: No data.

**Autoignition Pt:** 

NP

Suitable Extinguishing Media: Use dry sand or earth to smother fire. Use extinguishing media appropriate to

surrounding fire conditions. Substance is noncombustible; use agent most appropriate to

extinguish surrounding fire.

As in any fire, wear a self-contained breathing apparatus in pressure-demand, Fire Fighting Instructions:

MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

Flammable Properties and

Hazards:

No data available.

## 6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Vacuum or sweep up material and place into a suitable disposal

container. Clean up spills immediately, observing precautions in the Protective

Equipment section. Avoid generating dusty conditions. Provide ventilation. Avoid runoff

into storm sewers and ditches which lead to waterways.

## 7. Handling and Storage

Precautions To Be Taken in Handling:

Wash thoroughly after handling. Do not breathe dust, mist, or vapor. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale. Discard

contaminated shoes. Avoid ingestion and inhalation.

Storing:

Precautions To Be Taken in Keep container closed when not in use. Store in a tightly closed container.

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#### 8. Exposure Controls/Personal Protection

CAS#

Partial Chemical Name

**OSHA TWA** 

**ACGIH TWA** 

Other Limits

1310-73-2

Sodium hydroxide {Caustic soda; Lye

PEL: 2 mg/m3

CEIL: 2 mg/m3

No data.

solution}

Respiratory Equipment

(Specify Type): Eye Protection: Respirator protection is not normally required.

Wear appropriate protective eyeglasses or chemical safety goggles as described by

OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard

Protective Gloves:

Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing:

Wear appropriate protective clothing to minimize contact with skin.

**Engineering Controls** (Ventilation etc.):

There are no special ventilation requirements. Facilities storing or utilizing this material

should be equipped with an eyewash facility and a safety shower.

## Physical and Chemical Properties

**Physical States:** 

[ ] Gas

[X] Liquid [ ] Solid

Appearance and Odor:

Mild odor.

Dark brown liquid

Freezing Point:

~ 25.00 F - 0.00 F

**Boiling Point:** 

0.00 C - 0.00 C

**Autoignition Pt:** 

NP

Flash Pt:

NP Method Used: Estimate

**Explosive Limits:** 

LEL: No data.

UEL: No data.

Specific Gravity (Water = 1): ~ 1.290

Vapor Pressure (vs. Air or

Vapor Density (vs. Air = 1):

mm Hg):

No data. No data.

**Evaporation Rate:** 

No data.

Solubility in Water:

Complete

Viscosity:

Thin

pH:

> 12.5

Percent Volatile:

No data.

## 10. Stability and Reactivity

Stability:

Unstable [ ]

Stable [X]

Conditions To Avoid -

No specific conditions to avoid noted.

Instability:

Incompatibility - Materials To Acids, Sulfur oxides. Metals. Aluminum, Zinc, nitromethane, leather, organic halogens. Avoid:

Hazardous Decomposition or Oxides of potassium, hydrogen gas. Toxic fumes of sodium oxide.

Byproducts:

Possibility of Hazardous

Will occur [ ]

Will not occur [X]

Reactions:

Conditions To Avoid -

Product will not undergo polymerization.

Hazardous Reactions:

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#### 11. Toxicological Information

Toxicological Information: No data available.

CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA

1310-73-2 Sodium hydroxide {Caustic soda; Lye solution} n.a. n.a. n.a. n.a.

## 12. Ecological Information

No data available.

#### 13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified

as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed. RCRA U-Series: None listed.

### 14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide)

DOT Hazard Class:

CORROSIVE

UN/NA Number: UN3266 Packing Group: II



## 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS # Hazardous Components (Chemical Name) S. 302 (EHS) S. 304 RQ S. 313 (TRI)

1310-73-2 Sodium hydroxide {Caustic soda; Lye solution} No Yes 1000 LB No

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

1310-73-2 Sodium hydroxide {Caustic soda; Lye solution} CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes -

Inventory; CA PROP.65: No

#### 16. Other Information

Revision Date: 09/01/2022

Preparer Name: Regulatory Affairs

regulatory / maile

FLAMMABILITY 0
REACTIVITY 2
PPE

HMIS:

HEALTH

Additional Information About No data available.

This Product:

Company Policy or

**Hazard Rating System:** 

Disclaimer:

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present

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greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.