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Safety Data Sheet

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Platewash (7610 0240 51/52)

Section I

Product & Company Identification

Manufacturer
Mosstype Corporation
150 Franklin Turnpike
Waldwick, NJ 07463

Emergency Telephone No.
1-800-255-3924 (Chem-Tel)

Recommended Use:
Plate Cleaner

Technical & SDS Information
201-444-8000

Applicable Products:
Platewash

Preparation Date
1/4/2022
Product Identification
7610 0240 51/ 52

Section 2

Hazards Identification

Emergency Overview

Appearance: liquid

Color: clear

Odor: sweet

Hazard summary: Harmful if swallowed. Harmful by inhalation. Causes minor burns.

GHS Classification

Acute toxicity (oral): Category 5

Skin corrosion: Category 1A

Serious eye damage: Category 1

GHS Label element

Hazard pictograms:



Signal word:

Danger

Hazard statements:

Harmful if swallowed. Causes minor skin burns and eye damage.

Precautionary Statements:

Prevention:

Wash skin thoroughly after handling.

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

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

If SWALLOWED: Call a POISON CENTER or doctor/ Physician if you feel unwell. Rinse mouth.

Do NOT induce vomiting.

If ON SKIN (or hair): Remove/Take off immediately all Contaminated clothing. Rinse skin with water/shower.

If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Wash contaminated clothing before reuse.

Disposal:

Dispose of contents/container to an approved waste disposal plant.

Potential Health Effects:

Inhalation:	yes
Skin:	yes
Ingestion:	yes
Aggravated Medical Condition:	none known

Carcinogenicity:

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or Potential carcinogen by ACGIH.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Section 3 Composition/ Information on Ingredients

Substance/Mixture

Hazardous components

<u>Component</u>	<u>CAS NO.</u>	<u>Weight %</u>
Sodium hydroxide	1310-73-2	.05 - .25
Potassium hydroxide	1310-58-3	1- 1.5
Trade Secret Registry	735517-5027P	.05 - .25

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29 CFR 1910.1200).

Section 4 First Aid Measures

If inhaled:	Move to fresh air. If symptoms persist, call a physician. If breathing is irregular or stopped, administer artificial respiration.
Skin contact:	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Get medical attention if irritation develops and persists.

Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open when rinsing.

If swallowed: Rinse mouth. Drink plenty water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5

Fire Fighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters: In the event of fire, wear self –contained breathing apparatus.

Further information: Use water spray to cool unopened containers.

Section 6

Accidental Release Measures

Personal precautions: Material can create slippery conditions. Ensure adequate ventilation.

Methods for cleaning up: Neutralize with acid. Clean up with inert absorbent material. Keep in suitable, closed containers for disposal. Ventilate area. Flush with plenty of water.

Additional advice: Never return spills in original containers for re-use.

Section 7

Handling and Storage

Advice on safe handling: Add this product to surface of solution slowly to avoid splattering. Use only with adequate ventilation.

Conditions for safe storage: Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store indoors in a cool, well-ventilated place.

Section 8 Exposure Controls/ Personal Protection

Components with workplace control parameters

Components	CAS-No.	Value type (form of exposure)	Control parameters	Basis
Potassium Hydroxide	1310-58-3	C	2.000000 mg/m ³	ACGIH
		C	2.000000 mg/m ³	NIOSH REL
		C	2.000000 mg/m ³	OSHA PO
Sodium Hydroxide	1310-73-2	C	2.000000 mg/m ³	ACGIH
		C	2.000000 mg/m ³	NIOSH REL
		TWA	2.000000 mg/m ³	OSHA Z-1
		C	2.000000 mg/m ³	OSHA PO

Personal protective equipment:

Respiratory protection: If the occupational exposure limits cannot be met, in exceptional cases suitable respiratory equipment should be worn.

Eye protection: Chemical resistant goggles must be worn.

Hand protection: Impervious gloves.

Skin and body protection: Hi cuff gloves and apron.

Hygiene Measure: Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Wear suitable clothing. Wash hands and face before breaks and immediately after handling the product. Provide adequate ventilation. Do not inhale fumes. Keep away from food and drink.

Section 9 Physical and Chemical Properties

Appearance:	liquid
Color:	clear
Odor:	sweet
pH:	>12.5
Freezing point:	-1 deg. C (30 deg. F)
Boiling point/boiling range:	Note: no data available
Flash point:	Does not flash
Evaporation rate:	1 (Water =1)
Upper explosion limit:	Not applicable.
Lower explosion limit:	Not applicable.
Vapour pressure:	No data available
Relative density:	1.34
Bulk density:	11.16 lb/gal
Water solubility:	Completely soluble
Auto ignition temperature:	No data available
Thermal decomposition:	No data available
Viscosity, dynamic:	No data available

Section 10 Stability and Reactivity

Conditions to avoid: Freezing. Direct sources of heat.

Incompatible materials: Acids.

Hazardous decomposition products: Hydrogen, by reaction with metals. Sodium oxides.

Section 11 Toxicological Information

Acute toxicity

Product:

Acute oral toxicity: Acute toxicity estimate: 20,500.000000 mg/kg

Method: calculation method

Acute dermal toxicity: Acute toxicity estimate: 82,400.000000 mg/kg

Method: calculation method

Components:

Potassium hydroxide:

Acute oral toxicity: LD50 rat : 273.000000 mg/kg

LD50 rat: 365.000000 mg/kg

Acute dermal toxicity: LD50 rabbit: 1,260.000000 mg/kg

Sodium hydroxide:

Acute oral toxicity: LD50 mouse: 6,600.000000 mg/kg

LD50 rat: 4,090.000000 mg/kg

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Acute Inhalation toxicity: LC50 mouse: 1,200.000000 mg/l
Exposure time: 2 h
Test atmosphere: dust/mist

Acute dermal toxicity: LD50 rabbit: 1,350.000000 mg/kg

Skin corrosion/irritation

Components:

Potassium hydroxide: Result: Corrosive

Sodium hydroxide: Result: Corrosive

Serious eye damage/eye irritation

Components:

Potassium hydroxide: Result: Corrosive

Sodium hydroxide: Result: Corrosive

Respiratory or skin sensitization – no data available

Germ cell mutagenicity: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

STOT –single exposure: no data available

STOT – repeated exposure: no data available

Aspiration toxicity: no data available

Section 12 **Ecological Information**

Ecotoxicity: no data available

Section 13 **Disposal Considerations**

Disposal methods:

Waste from residues: Refer to all federal, provincial, state and local regulations prior to disposition of container and unused contents by reuse, recycle or disposal.

Section 14 **Transport Information**

International regulation

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable for product as supplied

National regulations

Section 15 **Regulatory Information**

TSCA Status: All components of this material comply with US TSCA requirements.

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OSHA Hazards: Toxic by ingestion, harmful by skin absorption. Corrosive to skin.

WHMIS Classification: E: Corrosive Material

D2B: Toxic Material Causing Other Toxic Effects

EPCRA-Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components:	CAS-No.	Component RQ (lbs.)	Calculated product RQ (lbs.)
Potassium Hydroxide	1310-58-3	1,000	3,831

SARA 311/31 Acute Health Hazard

SARA 302 No chemicals in this material are subject to the Reporting requirements of SARA Title III Section 302.

SARA 313

SARA 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

US State Regulations

Massachusetts Right to Know

Potassium Hydroxide	1310-58-3
Sodium Hydroxide	1310-73-2

Pennsylvania Right to Know

Water	7732-18-5
Potassium Hydroxide	1310-58-3
Sodium Hydroxide	1310-73-2
Sodium Glucoheptonate	31138-65-5

New Jersey Right to Know

Water	7732-18-5
Potassium Hydroxide	1310-58-3
Sodium Hydroxide	1310-73-2
Sodium Glucoheptonate	31138-65-5
Tetrasodium nitrilotris methylene phosphate	20592-85-2

NFPA:

Health: 1 Flammability: 0

Instability: 0

Corrosive Alkaline

HMIS III:

Health: 1 Flammability: 0

Physical Hazard: 0

0-not significant, 1-slight, 2-moderate

3-high, 4-extreme, * - chronic

Splash goggles, gloves, apron.

Section 16

Other Information

*****DISCLAIMER*****

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