



MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008 REVISION NUMBER: 2
DATE PRINTED: 11/11/2008 PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **ALKALINE BOOSTER**
PRODUCT CODE: 118717

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 3/3 Fire: 0/0
Reactivity: 1/1 Special/Protective Equipment: CORR/C

NAME OF THE MANUFACTURER: Rochester Midland Corporation
333 Hollenbeck Street
Rochester, New York 14621
Information: 585-336-2200
Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Severe burns to mucous membranes of mouth, throat and digestive tract. May cause allergic reaction in sulfite sensitive individuals.
SKIN CONTACT: Causes moderate skin irritation. Prolonged contact causes severe burns which may not be immediately painful or visible.
INHALATION: Inhalation of spray mist may be irritating. Can cause damage to mucous membranes of nose, throat, respiratory tract and lung tissue depending on severity of exposure. None in normal use.
EYE CONTACT: Causes severe eye burns. May cause permanent eye damage. May cause blindness.
CHRONIC EFFECTS: None known.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
POTASSIUM HYDROXIDE 1310-58-3	< 5	NA	NA

4. FIRST AID MEASURES

INGESTION: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation or burns develop.
INHALATION: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (F): None (C): NA
METHOD: None

FLAMMABLE LIMITS IN AIR

- LOWER (%): NA
- UPPER (%): NA

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA:

As for surrounding fire. Product will not burn.

FIRE FIGHTING PROCEDURES:

None.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: Flush with water.

LARGE SPILLS: Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS: NA

ENVIRONMENTAL PRECAUTIONS: NA

METHODS FOR CLEANING UP: NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:

Store only in original container and keep closed. Avoid contact with skin and eyes.

OTHER PRECAUTIONS:

When used in systems providing humidification, the concentration of diethylaminoethanol may not exceed 10 ppm in the air.

SPECIFIC USE(S):

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

None required.

PROTECTIVE GLOVES:

Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Goggles. Face shield.

OTHER PERSONAL PROTECTION
EQUIPMENT:

Appropriate protective clothing as needed to prevent skin contact.

VENTILATION:

None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Clear yellow liquid. Odorless.

BOILING POINT (F):

Above 212 F

(C) NA

VAPOR PRESSURE:

NA

VAPOR DENSITY (AIR=1):

NA

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

1.14 - 1.16

VOC Content (%):

NE

VOV Content (%):

NE

EVAPORATION RATE:

Unknown

PH:

11.25 - 11.75 (1% soln)

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10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Hydrogen halides
INCOMPATIBILITY (MATERIALS TO AVOID): Acids. Do not mix with: Neutralizes active ingredients. May release sulfur dioxide. Avoid contact with aluminum, zinc, other soft metals or galvanized metals. Reaction will generate hydrogen gas. This gas is flammable and/or explosive in presence of ignition source.
CONDITIONS/HAZARDS TO AVOID: None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
POTASSIUM HYDROXIDE 1310-58-3	< 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
POTASSIUM HYDROXIDE 1310-58-3	< 5	1000 lb 454 kg	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
POTASSIUM HYDROXIDE 1310-58-3	< 5	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
POTASSIUM HYDROXIDE 1310-58-3	< 5	Listed

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The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
POTASSIUM HYDROXIDE 1310-58-3	< 5	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
POTASSIUM HYDROXIDE 1310-58-3	< 5	Listed

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***