

Safety Data Sheet

Product Name: Stabrom 909

Revision Date: June 20, 2001

Page 1 of 4

Section #1: Chemical Product and Company Identification

Product Name: Stabrom 909

Other mean of identification: None

Chemical use/Restrictions: For industrial, commercial, institutional use only. Not intended for household use.

Manufacturer / Distributor: Enerco Corporation

Address: 317 N. Bridge St., Grand Ledge, MI 48837

Telephone: (800) 292-5908

Fax: (517) 627-8037

For chemical emergency - spill, leak, fire, exposure or accident - call CHEMTREC - day or night - (800) 424-9300

Section #2: Hazards Identification

Signal Word:

Classification Number and Name

Appendix Reference

Hazard Statement

Hazard Category

Precautionary Statements

Other Hazards: No other hazards identified during the classification process.

Unknown Acute Toxicity: No ingredients of unknown toxicity.

Section #3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
☒ Sodium Hydroxide	1310-73-2	<0.1	2 mg/m ³	unknown
☐ Bromine Chloride	13863-41-7	11.0	unknown	unknown
☐ Other ingredients	Not Required	89.0	unknown	unknown

☒ Indicates hazardous substances. Remainder of components comprise proprietary information. This document is prepared pursuant to the OSHA Hazard Communication Standard, 29 CFR 1910.1200. In addition, other substances not "hazardous" per this OSHA standard may be listed.

Section #4: First Aid Measures

EMERGENCY OVERVIEW: Can cause burns to the skin and eyes.

Eye: Immediately flush with water for 15 minutes - be sure eyelids are held open during flushing.
Get immediate medical attention.

Skin: Flush with water for 15 minutes. Remove contaminated clothing.
If irritation occurs, consult physician.

Inhalation: Remove to fresh air if effects occur.
If breathing is difficult, have trained person administer oxygen.
If not breathing, give artificial respiration, call a physician immediately.

Ingestion: Do not induce vomiting, if swallowed, give two glasses of water.
Consult physician - get medical attention.
Never give anything by mouth to an unconscious person.

Potential Health Effects: See Section 11 for toxicological data

Effects of Acute Exposure: Eye: Expected to cause burns, possible permanent damage.
Skin: Causes burns to the skin.
Inhalation: Irritation may occur.
Ingestion: Not expected to be acutely toxic.

Effects of Chronic Exposure: None known
Normal users of this product does not result in chronic exposure.

Medical Conditions Generally Aggravated by Exposure: None known.

Safety Data Sheet

Product Name: Stabrom 909

Revision Date: June 20, 2001

Continued from previous page...

Page 2 of 4

Section #5: Fire-Fighting Measures

NFPA Hazard Codes - (Health / Flammability / Reactivity):

3 / 0 / 0

NFPA Code Legend

4 - Severe Hazard
3 - Serious Hazard
2 - Moderate Hazard
1 - Slight Hazard
0 - Minimal Hazard

Extinguishing Media: None required. Use media suitable for surrounding fire.

Unusual Fire and Explosive Hazards: None known.

Special Fire Fighting Procedures: Fire fighters should wear full protective gear including self contained breathing apparatus.

Section #6: Accidental Release Measures

Spill and Leak Procedure: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills by first diluting with water and then using a dehalogenating agent such as sodium thiosulfate solution. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent. May require excavation of contaminated soil.

Disposal: Dispose of in accordance with applicable environmental standards.

Section #7: Handling and Storage

Precautions to be Taken in Handling: Avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Do not ingest.

Precautions to be Taken in Storage: Store in a cool, dry, well-ventilated place. Store below 104°F. Normal shelf life 1 year. Do not store with or near food supplies or potable water. Store away from sources of ignition. Keep containers closed when not in use. Due to build-up of pressure over time, this product is supplied in ve

Section #8: Exposure Controls / Personal Protection

Permissible Exposure Limits: None established for product.

Ventilation: Use adequate ventilation to keep airborne levels below the exposure limits.

Eye Protection: Eyewash fountain in the workplace strongly recommended.
Chemical safety goggles.

Skin Protection: Rubber gloves.
Shower recommended.

Respiratory Protection: Use adequate ventilation. A respiratory protection program must be followed whenever workplace condi

Other Protection Equipment: Not Applicable

Safety Data Sheet

Product Name: Stabrom 909

Revision Date: June 20, 2001

Continued from previous page...

Page 2 of 4

Section #5: Fire-Fighting Measures

NFPA Hazard Codes - (Health / Flammability / Reactivity):

3 / 0 / 0

NFPA Code Legend

4 - Severe Hazard
3 - Serious Hazard
2 - Moderate Hazard
1 - Slight Hazard
0 - Minimal Hazard

Extinguishing Media: None required. Use media suitable for surrounding fire.

Unusual Fire and Explosive Hazards: None known.

Special Fire Fighting Procedures: Fire fighters should wear full protective gear including self contained breathing apparatus.

Section #6: Accidental Release Measures

Spill and Leak Procedure: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills by first diluting with water and then using a dehalogenating agent such as sodium thiosulfate solution. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent. May require excavation of contaminated soil.

Disposal: Dispose of in accordance with applicable environmental standards.

Section #7: Handling and Storage

Precautions to be Taken in Handling: Avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Do not ingest.

Precautions to be Taken in Storage: Store in a cool, dry, well-ventilated place. Store below 104°F. Normal shelf life 1 year. Do not store with or near food supplies or potable water. Store away from sources of ignition. Keep containers closed when not in use. Due to build-up of pressure over time, this product is supplied in ve

Section #8: Exposure Controls / Personal Protection

Permissible Exposure Limits: None established for product.

Ventilation: Use adequate ventilation to keep airborne levels below the exposure limits.

Eye Protection: Eyewash fountain in the workplace strongly recommended.
Chemical safety goggles.

Skin Protection: Rubber gloves.
Shower recommended.

Respiratory Protection: Use adequate ventilation. A respiratory protection program must be followed whenever workplace condi

Other Protection Equipment: Not Applicable

Safety Data Sheet

Product Name: Stabrom 909

Revision Date: June 20, 2001

Continued from previous page...

Page 3 of 4

Section #9: Physical and Chemical Properties

Appearance: Yellow Liquid	Flammable Limits: Not applicable.
Odor: Faint Halogen Odor	Vapor Pressure: 19 mm Hg @ 77°F
Odor Threshold: No Information Available.	Vapor Density: Similar to water
pH (1% sol'n, unless noted): 11-12	Relative Density: No Information Available.
Melting Point (deg. F): No Information Available.	Solubility in Water: Miscible.
Boiling Point (deg. F): Greater than 212	Partition Coefficient: No Information Available.
Flash Point: Not applicable	Auto-ignition (deg. F): No Information Available.
Evaporation Rate: Similar to water	Decomposition (deg. F): No Information Available.
Flammability (NFPA Rating): 0	Viscosity: No Information Available.

Section #10: Stability and Reactivity

Reactivity (NFPA Rating): 0
Chemical Stability: Stable
Hazardous Reactions: Will not occur.
Conditions to Avoid: Avoid temperatures above 120°F or below 40°F
Incompatibility: Avoid contact with alcohols, aldehydes, strong reducing agen
Hazardous Decomposition Products: Halogen containing gases can be produced.

Section #11: Toxicological Information

This product may be corrosive to eyes, skin, etc.

Ingredients as Carcinogens: To the best of our knowledge, this product does not contain any substances that are considered by OSHA, NTP, IARC, or ACGIH to be 'probable' or 'suspected' human carcinogens.

Section #12: Ecological Information

This product is toxic to fish and aquatic organisms.

Section #13: Disposal Considerations

Best route is to use product for its originally intended purpose.
Dispose of in accordance with applicable environmental standards.

Section #14: Transport Information

DOT Proper Shipping Name: CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (HALOGENATED COMPLEX, SODIUM HYDROXIDE) UN 3266

DOT Hazard Class: 8

DOT UN Number: UN 3266

DOT Label: Corrosive Label

DOT Packing Group: III

The shipping name listed above applies to a 55 gallon drum size (~500 lbs) of the product offered for ground transport. This product may have more than one proper shipping name, depending on packaging, product properties, and mode of shipment. Refer to Section #16 as possible alternates may be listed.

Safety Data Sheet

Product Name: Stabrom 909

Revision Date: June 20, 2001

Continued from previous page...

Page 4 of 4

Section #15: Regulatory Information

TSCA: Registered pesticides are exempt from the requirement of TSCA.

RCRA Hazard Class: Product waste may exhibit characteristic of corrosiveness.

CERCLA RQ: Product spills may exhibit characteristic of corrosiveness. RQ 100 lbs. of corrosivity

SARA Title III

Extremely Hazardous Substance: No components of this product are listed.

Hazardous Substance: Hazard due to: Corrosiveness

Hazard Catagorization:

☐ Sudden Release of Pressure	☒ Immediate (Acute) Health
☐ Reactive	☐ Delayed (Chronic) Health
☐ Fire	

Section 313 Chemicals: No components of this product are listed.

STATE RIGHT-TO-KNOW

Section #16: Other Information

Revision Date: June 20, 2001

We believe that the statements, technical information, and recommendations contained herein are reliable. However, since data, safety standards, and government regulations are subject to change and conditions of handling and of use or misuse are beyond our control, and since health and safety precautions given may not be adequate for all individuals and/or situations, we make no warranty, either expressed or implied, with respect to the continuing accuracy of the information contained herein.

Safety Data Sheet

Product Name: Stabrom 909

Revision Date: June 20, 2001

Continued from previous page...

Page 4 of 4

Section #15: Regulatory Information

TSCA: Registered pesticides are exempt from the requirement of TSCA.

RCRA Hazard Class: Product waste may exhibit characteristic of corrosiveness.

CERCLA RQ: Product spills may exhibit characteristic of corrosiveness. RQ 100 lbs. of corrosivity

SARA Title III

Extremely Hazardous Substance: No components of this product are listed.

Hazardous Substance: Hazard due to: Corrosiveness

Hazard Catagorization: ☐ Sudden Release of Pressure ☒ Immediate (Acute) Health
☐ Reactive ☐ Delayed (Chronic) Health
☐ Fire

Section 313 Chemicals: No components of this product are listed.

STATE RIGHT-TO-KNOW

Section #16: Other Information

Revision Date: June 20, 2001

We believe that the statements, technical information, and recommendations contained herein are reliable. However, since data, safety standards, and government regulations are subject to change and conditions of handling and of use or misuse are beyond our control, and since health and safety precautions given may not be adequate for all individuals and/or situations, we make no warranty, either expressed or implied, with respect to the continuing accuracy of the information contained herein.