

Safety Data Sheet

Product Name: 8522

Revision Date: June 4, 2015

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Section #1: Chemical Product and Company Identification

Product Name: 8522

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: **Danger**



Exclamation
Mark



Skull and
Crossbones

Classification Number and Name

C.4.1 Acute Toxicity - Oral

C.4.4 Skin Corrosion/Irritation

C.4.5 Eye Damage/Irritation

Appendix Reference

A.1

A.2

A.3

Hazard Statement

Toxic if swallowed

Causes skin irritation

Causes serious eye irritation

Hazard Category

3

2

2A

Precautionary Statements

Prevention

Wash exposed body parts thoroughly after handling.

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

Wear eye protection/face protection

Wear protective gloves.

Response

If swallowed: Immediately call a poison center/doctor.

If on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Rinse mouth.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Storage

Store locked up.

Disposal

Dispose of contents/container to comply with all local, state, and federal regulations.

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

Unknown Acute Toxicity: No ingredients of unknown toxicity.

Section #3: Composition/Information on Ingredients

Chemical Name	CAS Number	Weight %	OSHA PEL	ACGIH TLV
<input checked="" type="checkbox"/> Sodium Nitrite	7632-00-0	12%	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.

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Section #4: First Aid Measures

EMERGENCY OVERVIEW: May cause irritation and possible burns to eyes and skin. May be toxic if very large amounts are ingested.

Eye: Immediately flush with water for 15 minutes. If irritation occurs, consult physician.

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

Inhalation: Remove to fresh air if effects occur.

Ingestion: If conscious, give sufficient quantities of water or milk to induce vomiting. If vomiting is not spontaneous, induce vomiting. Keep airway clear. Never give anything by mouth to an unconscious person.
If swallowed, seek medical attention. Ingestion of very large amounts of this material may cause nausea, vomiting, cyanosis, convulsions and coma.

Potential Health Effects: See Section 11 for toxicological data

Effects of Acute Exposure:
Eye: Irritation may occur.
Eye: Burns, possible permanent damage.
Skin: Burns may occur.
Inhalation: Irritation may occur.
Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury, swallowing larger amounts than that may be toxic.
Ingestion may irritate gastrointestinal track.

Effects of Chronic Exposure: Normal users of this product does not result in chronic exposure.

Medical Conditions Generally Aggravated by Exposure: None known.

Section #5: Fire-Fighting Measures

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

2 / 0 / 0

NFPA Code Legend

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

Extinguishing Media: Water and carbon dioxide.
Avoid ammonium phosphate dry chemical.

Unusual Fire and Explosive Hazards: Gases containing oxides of nitrogen which are toxic and are oxidizers may be released from decomposition of products residue.

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: If possible, recover as much of product as possible to be used for its intended purpose. Contain spill. Keep out of storm drains and septic systems, lakes, streams, or other water systems that will contaminate the environment. Use absorbent to clean up. Transfer to suitable container for disposal.

Disposal: Dispose of in accordance with applicable environmental standards.

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Section #7: Handling and Storage

Precautions to be Taken in Handling: Avoid contact with eyes, skin, and clothing
Keep container tightly closed when not in use.
Do not ingest.

Precautions to be Taken in Storage: Store in a cool, dry place.
Store below 120°F.
Normal shelf life 1 year.
Do not store with or near food supplies or potable water.

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: None needed, if ventilation is adequate.

Other Protection Equipment: Any other protective clothing or use of equipment necessary to prevent eye and skin contact.

Section #9: Physical and Chemical Properties

Appearance: Clear, Colorless To Light Amber Liquid

Flammable Limits: Not applicable.

Odor: No Odor

Vapor Pressure: Similar to water

Odor Threshold: No Information Available.

Vapor Density: Similar to water

pH (1% sol'n, unless noted): 9-10

Relative Density: No Information Available.

Melting Point (deg. F): No Information Available.

Solubility in Water: Complete

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: Reducing agents.
Ammonium Salts and thiocyanates.

Hazardous Decomposition Products: Nitrogen oxides.

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Section #11: Toxicological Information

Skin and eye (irritation) are expected to be the primary target organs of this product. If large amounts are swallowed can be toxic.

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

No data available.

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: Not regulated as hazardous by DOT.

DOT Hazard Class: Not Applicable

DOT UN Number:

DOT Label: Not Applicable

DOT Packing Group:

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.

Section #15: Regulatory Information

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

RCRA Hazard Class: No components of this product are listed.

CERCLA RQ: Listed "Sodium Nitrite" RQ 100 Lbs. (833 lbs. of this product).

SARA Title III

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

Hazardous Substance: Hazard due to: Irritant

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

Section 313 Chemicals: This product contains the following EPCRA Section 313 chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372)

CAS#	Chemical Name
7632-00-0	Sodium Nitrite

The information should be included in all MSDS's that are copied and distributed for this material.

STATE RIGHT-TO-KNOW

CHEMICAL NAME	CAS NUMBER	LIST
Sodium Nitrite	7632-00-0	MA,NJ1,NY,PA1,PA3

MA=Massachusetts Hazardous Substance NJ1=New Jersey RTK Hazardous Substance NY=New York Hazardous Substance PA1=Pennsylvania Hazardous Substance (present at greater than or equal to 1.0%) PA3=Pennsylvania Environmental(Hazardous Substance (present at greater than or equal to 1.0%.)

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Section #16: Other Information

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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.