

Safety Data Sheet

Product Name: 6014

Revision Date: June 4, 2015

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Section #1: Chemical Product and Company Identification

Product Name: 6014

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

| <u>Classification Number and Name</u> | <u>Appendix Reference</u> | <u>Hazard Statement</u> | <u>Hazard Category</u> |
|---------------------------------------|---------------------------|-------------------------------|------------------------|
| C.4.1 Acute Toxicity - Oral | A.1 | Toxic if swallowed | 3 |
| C.4.4 Skin Corrosion/Irritation | A.2 | Causes skin irritation | 2 |
| C.4.5 Eye Damage/Irritation | A.3 | Causes serious eye irritation | 2A |

Precautionary Statements

| <u>Prevention</u> | <u>Response</u> | <u>Storage</u> | <u>Disposal</u> |
|---|--|------------------|---|
| Wash exposed body parts thoroughly after handling. | If swallowed: Immediately call a poison center/doctor. | Store locked up. | Dispose of contents/container to comply with all local, state, and federal regulations. |
| Do not eat, drink or smoke when using this product. | If on skin: Wash with plenty of water. | | |
| Wear eye protection/face protection | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. | | |
| Wear protective gloves. | 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. | | |

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> |
|--|-------------------|-----------------|-----------------|------------------|
| <input checked="" type="checkbox"/> Sodium Nitrite | 7632-00-0 | 18-20 | 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. Consult physician 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 oxidizens 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 drains, sewers, lakes, streams, or other water systems. Use absorbent to clean up. Transfer to suitable container for disposal.

Disposal: Dispose of in accordance with all applicable federal, state, and local health and environmental standards and regulations.

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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.
Wash thoroughly after handling.
- Precautions to be Taken in Storage:** Store in a cool, dry, secure place.
Store below 120°F and above 40°F.
Normal shelf life 1 year.
Do not store with or near food supplies or potable water.
Keep container tightly closed.

Section #8: Exposure Controls / Personal Protection

- Permissible Exposure Limits:** None established for product.
- Ventilation:** Good general ventilation should be sufficient to control airborne levels of vapor and mist. If user operations generate airborne material, use process enclosures, local exhaust ventilation, or other engineering controls to control exposure.
- 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. Respiratory protection may be required for work areas where exposure by inhalation may occur.
- 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: Slight Odor | Vapor Pressure: Similar to water |
| Odor Threshold: No Information Available. | Vapor Density: Similar to water |
| pH (1% sol'n, unless noted): 10.5 | 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 and in accordance with all local, state, and federal laws and regulations.

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.

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 chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986(40CFR372)

| CAS# | Chemical Name |
|-----------|----------------|
| 7632-00-0 | Sodium Nitrite |

This informatin 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.