

Safety Data Sheet

Product Name: RG262: Nitrite-2 (Nit-2)

Revision Date: June 4, 2015

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Section #1: Chemical Product and Company Identification

Product Name: RG262: Nitrite-2 (Nit-2)

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**



Flame Over
Circle



Exclamation
Mark

<u>Classification Number and Name</u>	<u>Appendix Reference</u>	<u>Hazard Statement</u>	<u>Hazard Category</u>
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
C.4.26 Oxidizing Liquids	B.13	May intensify fire; oxidizer	2

Precautionary Statements

Prevention

Keep away from heat.
Keep/Store away from clothing and other combustible materials.
Take any precaution to avoid mixing with combustibles.
Wash exposed body parts thoroughly after handling.
Wear eye protection/face protection
Wear protective gloves.
Wear protective gloves/eye protection/face protection.

Response

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.
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.
In case of fire: Use dry chemical, carbon dioxide, foam to extinguish.

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

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
<input checked="" type="checkbox"/> Potassium Permanganate	7722-64-7	<5%	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: Can be an irritant to eye, skin, and mucous membranes. Can be toxic to aquatic organisms.

Eye: Immediately flush with water for 15 minutes. Be sure eyelids are held open during flushing. If irritation occurs, consult physician.

Skin: Remove contaminated clothing and footwear. Flush with water for at least 15 minutes. Wash thoroughly with soap and water. If irritation occurs, consult physician.

Inhalation: Remove to fresh air if effects occur. Consult physician if effects occur.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. If conscious, rinse mouth and drink large amounts of water. Consult physician, get medical attention.

Potential Health Effects: See Section 11 For Toxicological Data.

Effects of Acute Exposure: Eye: Can cause irritation.

Skin: Can cause irritation. May be harmful if absorbed through the skin.

Inhalation: May cause irritation.

Ingestion: Harmful if swallowed.

Effects of Chronic Exposure: Normal use 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):

1 / 0 / 0

NFPA Code Legend

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

Extinguishing Media: Water fog, dry chemical, carbon dioxide, foam.

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: Small spills: Dilute with water and mop up or absorb with an inert material and place in an appropriate waste disposal container. Wash area with water. Water must go to a treatment plant not to the environment.

Large spills: Dike or contain material and recover it for used as originally intended. Dilute with water and mop up or absorb with an inert material and place in an appropriate waste disposal container. Wash area with water. Water must go to a treatment plant not to the environment.

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.
Avoid breathing vapor.
Wash thoroughly after handling.
- Precautions to be Taken in Storage:** Normal shelf life 1 year.
Store in a cool, dry, secure place.
Do not store with or near food supplies or potable water.
Keep container tightly closed.
Do not store near combustible materials.

Section #8: Exposure Controls / Personal Protection

- Permissible Exposure Limits:**
- Ventilation:** Good general ventilation should be sufficient to control airborne levels of vapor and mist.
- Eye Protection:** Chemical safety goggles. Eyewash fountain in the work place is strongly recommended.
- Skin Protection:** Chemical resistant gloves. Shower in the work place is strongly recommended.
- Respiratory Protection:** None needed, if ventilation is adequate. Respiratory protection may be required for work areas where misting 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 Dark Purple Liquid | Flammable Limits: Not Available |
| Odor: No Odor | Vapor Pressure: Similar To Water |
| Odor Threshold: No Information Available. | Vapor Density: Similar To Water |
| pH (1% sol'n, unless noted): Neutral | Relative Density: No Information Available. |
| Melting Point (deg. F): No Information Available. | Solubility in Water: Soluble |
| Boiling Point (deg. F): >212°F | Partition Coefficient: No Information Available. |
| Flash Point: Not Available | 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:** Reactive Metal (Zinc), Peroxides, Strong Reducing Agents, Acids
- Hazardous Decomposition Products:** Potassium Oxides, Manganese Oxides

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Section #11: Toxicological Information

Can be an irritant to eye, skin, and mucous membranes. Can be absorbed through the skin. May cause digestive tract irritation.

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. Toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

Section #13: Disposal Considerations

Best route is to use product for its originally intended purpose. Dispose of in accordance with all 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: None

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: Potassium Permanganate RQ 1,000 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: No Components Of This Product Are Listed.

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NAME	CAS NUMBER	LIST
Potassium Permanganate	7722-64-7	MA,NY,PA1,PA3

MA=Massachusetts Hazardous Substance NY=New York Hazadous Substance PA1=Pensylvania Hazardous Substance (present at greater than or equal to 1%) PA3=Pensylvania Environmental Hazardous Substance (present at greater than or equal to 1%)

Section #16: Other Information

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This is a laboratory use product for testing purposes. The use rate is drops to milliliters per day. The normal amount purchased is 1¼ oz to 32 oz.

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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.