



# SAFETY DATA SHEET

Revision Date 01/30/2015

REVISION NUMBER: 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product name AERO-WASH IV

### Other means of identification

Product code 118322

Synonyms NONE

### Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Uses advised against No information available

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624 USA

### Emergency telephone number

**EMERGENCY TELEPHONE** INFOTRAC: 1-800-535-5053  
OUTSIDE U.S.: +1-352-323-3500

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                 |             |
|-----------------|-------------|
| Carcinogenicity | Category 1B |
|-----------------|-------------|

### Label elements

#### **Emergency Overview**

**DANGER**

#### **Hazard statements**

May cause cancer



**Appearance** Clear, Colorless

**Physical state** Liquid

**Odor** Soapy odor.

#### **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No information available

**Other Information**

- May be harmful if swallowed
- Toxic to aquatic life with long lasting effects
- Toxic to aquatic life

**Unknown Acute Toxicity** 22.8% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| PRODUCT COMPOSITION<br>CAS# | CAS No.   | %      | TRADE SECRET |
|-----------------------------|-----------|--------|--------------|
| SODIUM NITRITE              | 7632-00-0 | 1 max. | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**First aid measures****General advice**

Immediately call a POISON CENTER or doctor/physician.

**Eye contact**

IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact**

IF ON SKIN: Wash with soap and water.

**Inhalation**

IF INHALED: Remove to fresh air.

**Ingestion**

IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed****Symptoms**

No information available.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**Explosion data**

**Sensitivity to Mechanical Impact** NONE.  
**Sensitivity to Static Discharge** NONE.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Read and follow label instructions. Keep out of reach of children. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store indoors.

**Incompatible materials** Do not mix with acidic materials. Neutralizes active ingredients.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**ENGINEERING CONTROLS** General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Showers. Eyewash stations.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses or goggles to protect against exposure.

**Skin and body protection** Chemical resistant gloves are recommended to minimize skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

**RESPIRATORY PROTECTION** None normally required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                                      |                          |                         |                          |
|--------------------------------------|--------------------------|-------------------------|--------------------------|
| <b>Physical state</b>                | Liquid                   | <b>Odor</b>             | Soapy odor.              |
| <b>Appearance</b>                    | Clear, Colorless         | <b>Odor threshold</b>   | No information available |
| <b>Color</b>                         | No information available |                         |                          |
| <b>Property</b>                      | <b>Values</b>            | <b>Remarks • Method</b> |                          |
| <b>pH</b>                            | 11.0                     |                         |                          |
| <b>Melting point/freezing point</b>  | No information available |                         |                          |
| <b>Boiling point / boiling range</b> | 100 °C / 212 °F          |                         |                          |
| <b>Flash point</b>                   | -                        | None to boiling.        |                          |
| <b>Evaporation rate</b>              | No information available |                         |                          |
| <b>Flammability (solid, gas)</b>     | No information available |                         |                          |
| <b>Flammability Limit in Air</b>     |                          |                         |                          |
| <b>Upper flammability limit:</b>     | No information available |                         |                          |
| <b>Lower flammability limit:</b>     | No information available |                         |                          |
| <b>Vapor pressure</b>                | No information available |                         |                          |
| <b>Vapor density</b>                 | No information available |                         |                          |
| <b>Specific gravity</b>              | 1.020 - 1.022            |                         |                          |
| <b>Water solubility</b>              | No information available |                         |                          |
| <b>Solubility in other solvents</b>  | No information available |                         |                          |
| <b>Partition coefficient</b>         | No information available |                         |                          |
| <b>Autoignition temperature</b>      | No information available |                         |                          |
| <b>Decomposition temperature</b>     | No information available |                         |                          |
| <b>Kinematic viscosity</b>           | No information available |                         |                          |
| <b>Dynamic viscosity</b>             | No information available |                         |                          |
| <b>Explosive properties</b>          | No information available |                         |                          |
| <b>Oxidizing properties</b>          | No information available |                         |                          |

**Other Information**

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Softening point</b>          | No information available |
| <b>VOC (EPA METH.24) (G/L):</b> | 0                        |
| <b>Density</b>                  | No information available |
| <b>Bulk density</b>             | No information available |

**10. STABILITY AND REACTIVITY****REACTIVITY**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**CONDITIONS TO AVOID**

Extremes of temperature and direct sunlight.

**Incompatible materials**

Do not mix with acidic materials. Neutralizes active ingredients.

**Hazardous Decomposition Products**

Oxides of Carbon. Oxides of Nitrogen.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |                             |
|----------------------------|-----------------------------|
| <b>Product Information</b> | May be harmful if swallowed |
|----------------------------|-----------------------------|

**Inhalation** No data available.  
**Eye contact** May cause slight irritation.  
**Skin contact** Prolonged contact may lead to irritation and dermatitis.  
**Ingestion** May be harmful if swallowed.

| PRODUCT COMPOSITION<br>CAS# | Oral LD50          | Dermal LD50 | Inhalation LC50        |
|-----------------------------|--------------------|-------------|------------------------|
| SODIUM NITRITE<br>7632-00-0 | = 85 mg/kg ( Rat ) | -           | = 5.5 mg/L ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| PRODUCT COMPOSITION<br>CAS# | ACGIH | IARC     | NTP | OSHA |
|-----------------------------|-------|----------|-----|------|
| SODIUM NITRITE<br>7632-00-0 | -     | Group 2A | -   | X    |

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 22.8% of the mixture consists of ingredient(s) of unknown toxicity  
**The following values are calculated based on chapter 3.1 of the GHS document .**  
**ATEmix (oral)** 3934 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

33.8% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| PRODUCT COMPOSITION<br>CAS# | Algae/aquatic plants | Fish  | Crustacea |
|-----------------------------|----------------------|---|-----------|
| SODIUM NITRITE<br>7632-00-0 | -                    | 20: 96 h Pimephales promelas mg/L LC50 static<br>2.3: 96 h Pimephales promelas mg/L LC50 flow-through<br>0.65 - 1: 96 h Oncorhynchus mykiss mg/L LC50 static<br>0.4 - 0.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static<br>0.092 - 0.13: 96 h Oncorhynchus mykiss mg/L LC50 flow-through<br>0.19: 96 h Oncorhynchus mykiss mg/L LC50 flow-through | -         |

**Persistence and degradability**

No information available.

Bioaccumulation

| PRODUCT COMPOSITION<br>CAS# | Partition coefficient |
|-----------------------------|-----------------------|
| SODIUM NITRITE<br>7632-00-0 | -3.7                  |

Other adverse effects No information available

### 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

### 14. TRANSPORT INFORMATION

**Proper shipping name** Not Regulated by DOT

### 15. REGULATORY INFORMATION

International Inventories

|                      |                 |
|----------------------|-----------------|
| <b>TSCA</b>          | Complies        |
| <b>DSL/NDSL</b>      | Complies        |
| <b>EINECS/ELINCS</b> | Does not Comply |
| <b>ENCS</b>          | Does not Comply |
| <b>IECSC</b>         | Complies        |
| <b>KECL</b>          | Does not Comply |
| <b>PICCS</b>         | Complies        |
| <b>AICS</b>          | Complies        |

Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

|   |                                      |
|---|--------------------------------------|
| <b>PRODUCT COMPOSITION</b><br><b>CAS#</b> | <b>SARA 313 - Threshold Values %</b> |
| SODIUM NITRITE - 7632-00-0                | 1.0                                  |

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>ACUTE HEALTH HAZARD</b>               | No  |
| <b>CHRONIC HEALTH HAZARD</b>             | YES |
| <b>FIRE HAZARD</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>REACTIVE HAZARD</b>                   | No  |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| <b>PRODUCT COMPOSITION</b><br><b>CAS#</b> | <b>Hazardous Substances</b><br><b>RQs (in LBS)</b> | <b>U.S. - CERCLA/SARA -</b><br><b>Section 302 Extremely</b><br><b>Hazardous Substances</b><br><b>TPQs</b> |
|---|--|---|
| SODIUM NITRITE<br>7632-00-0               | 100  |   |

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

| <b>PRODUCT COMPOSITION</b><br><b>CAS#</b> | <b>NJRTK:</b> | <b>MARTK:</b> | <b>PARTK:</b> |
|---|---------------|---------------|---------------|
| SODIUM NITRITE<br>7632-00-0               | 2258          | Listed        | Listed        |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

**NFPA**

Health hazards 1  
Flammability 0  
Instability 0

Physical and Chemical Properties ALKALI

**HMIS**

Health hazards 1  
Flammability 0  
Physical hazards 0  
Personal protection B

Prepared By EH&S DEPARTMENT  
Revision Date 01/30/2015  
Revision Note

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

\*\*\* END OF SDS \*\*\*