



Safety Data Sheet

ISSUED: 12-JUNE-2015

REVISION: 20-JAN-2026

VERSION: 1

1. IDENTIFICATION

Product Identifier

Product Name Corrosion Rust Inhibitor

Other means of identification

SDS # UC-023

UN/ID No UN1500

Recommended use of the chemical and restrictions on use

Recommended Use For industrial and manufacturing use only.

Details of the supplier of the safety data sheet

Supplier Address

Ultimate Chemicals, LLC
PO Box 7557
Moore, OK 73153

Emergency Telephone Number

Company Phone Number Phone: 405-703-2771
Emergency Telephone (24 hr.) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Clear Yellowish-Brown Liquid

Physical State Liquid

Odor Neutral

Classification

Acute Toxicity (Oral)	Category 3
Serious eye damage/eye irritation	Category 2A

Signal Word

Danger

Hazard Statements

Toxic if swallowed. Can cause eye irritation. Toxic to aquatic life.



Precautionary Statements - Prevention

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

Avoid breathing dust/fumes/gas/mist/vapors/spray.

Use only outdoors

Wash face, hands, forearms, and any exposed skin thoroughly after handling.

Avoid release into the environment.

Wear protective gloves/protective clothing/eye protection/face protection.



Safety Data Sheet

ISSUED: 12-JUNE-2015

REVISION: 20-JAN-2026

VERSION: 1

Precautionary Statements – Response

Immediately call a poison center or doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a poison center or doctor/physician.

IF ON SKIN (or hair): Rinse immediately with plenty of soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse. Destroy contaminated shoes.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Provide artificial respiration if not breathing. Give oxygen if breathing is difficult. Obtain medical attention if breathing difficulty persists.

IF SWALLOWED: DO NOT induce vomiting unless directed to do so by a medical professional. Drink plenty of water. Never give anything by mouth to an unresponsive person. If large quantities are swallowed, call a physician immediately.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Other Hazards

Toxic to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium Nitrite	7632-00-0	

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediately call a poison center or doctor/physician.

Skin Contact

Immediately flush skin with plenty of water and soap. Wash clothing before reuse. Destroy contaminated clothing. Immediately call a poison center or doctor/physician.

Inhalation

Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Ingestion

DO NOT induce vomiting unless directed to do so by a medical professional. Give plenty of water. Never give anything by mouth to an unconscious person. If large quantities are swallowed, call a physician immediately.

Most important symptoms and effects

Symptoms

May cause severe irritation, burns, and/or damage of eyes and skin. Inhalation can cause lung irritation. Ingestion may cause irritation, ulceration, nausea, and/or vomiting.



Safety Data Sheet

ISSUED: 12-JUNE-2015

REVISION: 20-JAN-2026

VERSION: 1

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically. Provide a copy of SDS to treating physician.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

As needed for fire being fought.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Chemical

None known.

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

Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray). See Section 8 for more information.

Environmental Precautions

Should not be released into the environment. See Section 12 for Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment

If safe to do so, stop the flow of material. Wear appropriate PPE during clean-up. Do not allow the product to enter public drainage system or open water courses.

Methods for Clean-Up

Sweep up and gather material in appropriate container for disposal. Wash spill area thoroughly. Dispose of collected material according to regulation.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Avoid contact with skin, eyes, or clothing. For industrial use only. Keep out of reach of children. Do not breathe dust, vapors, or mist. Wash face, hands, and any exposed skin, thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep away from heat, sparks, and open flames. Prevent spills. Keep container tightly closed in a cool, well-ventilated place away from incompatible materials. Empty product containers may contain residue. Do not reuse.

Incompatible Materials

Combustible materials. Strong acids. Oxidizing agents. Reducing agents.



Safety Data Sheet

ISSUED: 12-JUNE-2015

REVISION: 20-JAN-2026

VERSION: 1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium nitrite 7632-00-0			

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical safety goggles and/or face shield with safety glasses.

Skin and Body Protection Chemically resistant protective gloves, apron, and boots.

Respiratory Protection Ensure adequate ventilation especially in confined areas. In case of inadequate ventilation, wear respiratory protection. Refer to 20 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Acidic
Appearance	Clear Yellowish-Brown Liquid	Odor Threshold	Not determined
Color	Clear Yellowish-Brown	Remarks • Method	
Property	Values		
pH	9-9.5 (1% solution)		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined.		
Flash Point	Not determined.		
Evaporation Rate	Not determined.		
Flammability (Solid, Gas)	Not determined.		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Same as water		
Vapor Density	Not determined		
Specific Gravity	1.306-1.43		
Water Solubility	Completely soluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		



Safety Data Sheet

ISSUED: 12-JUNE-2015

Dynamic Viscosity
Explosive Properties
Oxidizing Properties

REVISION: 20-JAN-2026

Not determined
Not determined
Not determined

VERSION: 1

10. STABILITY AND REACTIVITY

Reactivity

Hazardous reactions will not occur under normal conditions.

Chemical Stability

Stable under recommended handling and storage.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Extremely high or low temperatures. Incompatible materials.

Incompatible Materials

Strong acids. Strong bases. Oxidizers.

Hazardous Decomposition Products

None under recommended use.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Can cause eye irritation.
Skin Contact	Can cause skin irritation.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Nitrite 7635-00-0	= 175 mg/kg (Rat)		

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
-----------------	--

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

Carcinogenicity	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.
------------------------	--



Safety Data Sheet

ISSUED: 12-JUNE-2015

REVISION: 20-JAN-2026

VERSION: 1

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Persistence/Degradability

Readily biodegradable.

Bioaccumulation

Not determined.

Mobility

Not determined.

Other Adverse Effects

Not determined

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

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

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Sodium Nitrite 7632-00-0	

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Based on package size, product may be eligible for limited quantity exception.



Safety Data Sheet

ISSUED: 12-JUNE-2015

REVISION: 20-JAN-2026

VERSION: 1

DOT

UN/ID No UN1500
Proper Shipping Name Sodium Nitrite
Hazard Class 5.1
Packing Group III

IATA

UN/ID No UN1500
Proper Shipping Name Sodium Nitrite
Hazard Class 5.1
Packing Group III

IMDG

UN/ID No UN1500
Proper Shipping Name Sodium Nitrite
Hazard Class 5.1
Packing Group III

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Sodium Nitrite	Present	X		Present		Present	X	Present	X	X

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

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium Nitrite 7632-00-0	100 lbs		



Safety Data Sheet

ISSUED: 12-JUNE-2015
CWA (Clean Water Act)

REVISION: 20-JAN-2026

VERSION: 1

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium Nitrite	100 lbs.			X

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium Nitrite	X	X	X

16. OTHER INFORMATION

NFPA

Health Hazards

3

Flammability

0

Instability

0

Special Hazards

Not determined

HMIS

Health Hazards

3

Flammability

0

Physical Hazards

0

Personal Protection

Not determined

Issue Date: 22-Dec-2015
Revision Date: 20-Jan-2026
Revision Note: New format

Disclaimer

The information provided in this 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 Safety Data Sheet