

INHIBITOR SN

6200

SAFETY DATA SHEET

SECTION I - IDENTIFICATION

PRODUCT TRADE NAME: Inhibitor SN

Chemical Family: N/A

Formula: Proprietary

Product #: 6200

Date of Issue: 12/16/15

Supplier:

C K ENTERPRISES, INC.
1204 SW Jefferson Street
Lee's Summit, Missouri 64081
(816) 524-1304

EMERGENCY CONTACT:

CHEMTREC - 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

SECTION II - HAZARDOUS IDENTIFICATION

DANGER



Health Hazards

Acute Toxicity: Oral

Skin Corrosion/Irritation

Serious eye damage/ eye irritation

Physical Hazards

Oxidizing Solids

Category 3

Category 2

Category 2B

Category 1

Hazard Statements:

-Causes skin irritation

-Toxic if swallowed

-Causes eye irritation

-May cause fire or explosion; strong oxidizer

Precautionary Statements:

-Keep away from heat/sparks/open flames/hot surfaces – no smoking

-Keep away from incompatible materials

-Wash hands thoroughly after handling

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

-Wear fire resistant clothing

-IF ON SKIN: wash with plenty of soap and water

-IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

-IF ON CLOTHING: Immediately rinse contaminated clothing and skin before removing clothes

-If skin irritation occurs: get medical advice/attention

-If eye irritation persists: get medical advice/attention

-Take off contaminated clothing and wash before reuse

-In case of major fire: Evacuate area. Fight fire remotely due to risk of explosion



C K Enterprises, Inc.

HMIS Code:

HEALTH HAZARD	2
FIRE HAZARD	0
REACTIVITY	3
SPECIFIC HAZARD	

Potential Acute Effects:

Eyes- May strongly irritate or burn the eyes

Skin- May cause skin irritation

Inhalation- Mist may cause irritation to the respiratory tract. Over exposure may aggravate disorder of the respiratory system.

Ingestion- May irritate gastrointestinal tract. Moderate amounts can cause nausea, weakness, cyanosis, collapse, coma and even death. Sodium nitrate interferes with the blood's ability to transport oxygen.

SECTION III - COMPOSITION INFORMATION

Name of Hazardous Ingredients

Nitrous Acid, Sodium Salt

CAS Number

7632-00-0

% by Weight

<100

SECTION IV - FIRST AID MEASURES

Emergency First Aid Procedures:

IN EYES: Flush immediately with clean water for 15 minutes, holding eyelids apart. Get immediate medical attention.

ON SKIN: If irritation occurs, flush with plenty of clean water.

Remove contaminated clothing and shoes; wash before reuse.

Seek medical attention if a rash occurs or irritation continues.

INHALATION: Remove person to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.

INGESTION: Seek immediate medical attention. Dilute by giving large amounts of water to drink. Do not induce vomiting.

SECTION V - FIREFIGHTING MEASURES

Flash Point (Method Used): CO₂, and some CO

Flammable Limits: LEL: N/A UEL:N/A

Extinguishing Media: Media applicable to surrounding fire

Special Fire Fighting Procedures: use water to cool fire-exposed containers.

Hazardous Combustion Products: Dust can be an explosion hazards. Prevent buildup of dust on walls, floors and equipment. Product is an oxidizer. It may react vigorously with organics or other materials resulting in an explosion and fire. Toxic fumes may be released.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps To Be Taken If Released or Spilled: Evacuate non-essential personnel, eliminate ignition sources and wear protective equipment. Shut off source of leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters and sewers. It may be necessary to remove contaminated soil. Neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem, neutralize with dilute acetic acid or dilute hydrochloric acid. If required notify state and local authorities.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken In Handling and Storage: Wear protective equipment when handling. Avoid prolonged or repeated contact with skin. Keep from contact with clothing or other combustible materials. Keep heat, lights, fire and sparks away. For industrial use only. This container hazardous when emptied. Since emptied container contains product residues (vapor or liquid), labeled hazard precautions must be observed.

Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
None				

- **Respiratory Protection:** Not normally required
- **Ventilation:** Use adequate local ventilation
- **Protective Gloves:** Rubber or neoprene gloves
- **Eye Protection:** Chemical splash goggles
- **Other Protective Equipment:** Rubber apron
- **Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >608°F
Specific Gravity (Water = 1): 2.17
Vapor Pressure: N/A
Vapor Density (Air = 1): N/A
Evaporation Rate (Water = 1): N/A
Solubility in Water: 80.8 g/100g
pH @ 100% solution: ≥9.0
Appearance/Odor: Off-white solid; no odor

SECTION X - STABILITY AND REACTIVITY

Stability Data: Stable

Incompatibility: Inorganic acids, organic nitrogen compounds and organic mixtures. May react vigorously with organics or other materials resulting in an explosion or fire. May react with secondary or tertiary amines to form cancer-causing nitroamines. Avoid contact with strong reducing agents, such as hydrogen, hydrazine, sulfides, sulfites and nitrites.

Hazardous Decomposition Products: Oxides of nitrogen, CO and CO₂

Hazardous Polymerization: Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

Routes of Entry	Dermal, oral and inhalation
Symptoms	Irritation, gastrointestinal distress
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	None
Reproductive	No information found
Target Organs	See section 2

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate (ATE) using the additive formula has been determined.

Test	Results	Basis
Dermal	No data	
Oral	88mg/kg	ATE determined Category 3
Inhalation	5.5mg/m ³	ATE determined practically non-toxic

SECTION XII - ECOLOGICAL INFORMATION

No ecological information available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Solids must be disposed of in a permitted hazardous waste management facility. Recovered liquids maybe reprocessed or incinerated. Incineration must be handled in a permitted area.

SECTION XIV - TRANSPORT INFORMATION

Proper Shipping Name: Sodium Nitrite
D.O.T. Classification: 5.1,6.1/OXIDIZER,POISON/UN1500/PGIII
D.O.T. Placard: UN1500/OXIDIZER/POISON
Precautions to be taken in transportation: Keep container tightly closed.

SECTION XV - REGULATORY INFORMATION

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

CAS #	7632-00-0
Chemical Name:	Nitrous Acid, Sodium Salt
Percent by Weight:	<100%

The following substances have CERCLA reportable quantity values (in pounds):

Nitrous Acid, Sodium Salt	7632-00-0	100
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SECTION XVI - OTHER INFORMATION

Date Issued: 12/16/15 **Supersedes:** 8/7/15

This information must be included in all Safety Data Sheets that are copied and distributed for this material.

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.