

# Safety Data Sheet



Stock Number: 4836043  
Revision Date: 04-25-2024  
Replaces: 04-03-2023

## NOX-RUST® 509

### 1. Identification

Product identifier used on the label: **NOX-RUST® 509**  
Stock Number: 4836043

Other means of identification:  
Synonyms: None  
Chemical family: Mixture

Recommended use of the chemical and restrictions on use:  
Recommended use: Corrosion Preventative Compound  
Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Daubert Chemical Company  
4700 S. Central Avenue  
Chicago, IL 60638

Telephone number: 1-708-496-7350  
E-mail address: SDS@Daubert.com

Emergency phone number: Chemtrec: (800) 424-9300 - in USA and Canada  
+1-703-527-3887 - outside USA and Canada

### 2. Hazard(s) identification

#### Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Classification: Not classified as hazardous in accordance with paragraph (d) of §1910.1200

Hazard Statements: Not hazardous under OSHA regulations.

Unclassified Hazards (HNOC): Molten material can cause thermal burns. When heated, the vapors/fumes given off may cause respiratory tract irritation.

Hazards not otherwise classified: No data available

### 3. Composition/information on ingredients

| Chemical Name                           | Common name and synonyms | CAS #      | %      |
|---|--------------------------|------------|--------|
| Sulfonic acids, petroleum, sodium salts | None                     | 68608-26-4 | 5 - 10 |

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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## 4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.   |
| <b>Eye Contact:</b>  | Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.   |
| <b>Skin Contact:</b> | Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. If burned by contact with hot material, molten material adhering to skin should be cooled as quickly as possible with water and see a physician for removal of adhering material and treatment of burn. |
| <b>Ingestion:</b>    | Ingestion is not a likely route of entry. If accidentally ingested, do not induce vomiting and seek medical attention immediately.  |

**Most important symptoms/effects, acute and delayed:**

See Section 11

**Indication of immediate medical attention and special treatment needed, if necessary:**

Consult a physician. Treat symptomatically.

## 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media:**

**Suitable extinguishing media:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:**

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

**Hazardous combustion products:** Oxides of carbon, Oxides of nitrogen, Hydrocarbons, Sulfur oxides

**Special protective equipment and precautions for fire-fighters:**

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use appropriate methods for the surrounding fire.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

### Methods and materials for containment and cleaning up:

Collect and discard in accordance with local, state and national regulations.

## 7. Handling and storage

### Precautions for safe handling:

Avoid contacting and avoid breathing the material. Use only in a well-ventilated area. When heated, the vapor/fumes given off may cause respiratory tract irritation. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid contact with molten material.

### Conditions for safe storage, including any incompatibilities:

#### Safe storage conditions:

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Do not store in direct sunlight

#### Materials to Avoid/Chemical Incompatibility:

Strong oxidizing agents, Strong acids

## 8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

| Chemical component | OSHA PEL | ACGIH TLV | ACGIH STEL | IDLH |
|--------------------|----------|-----------|------------|------|
| No data available  |          |           |            |      |

### Appropriate engineering controls:

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

### Individual protection measures, such as personal protective equipment:

#### Respiratory Protection:

Under normal conditions, a respirator is not normally required. If vapors, mists or aerosols are generated, wear a NIOSH approved respirator.

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|                                    |   |
|------------------------------------|---|
| <b>Eye protection:</b>             | <p>Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.</p> <p>When handling material that is heated, wear chemically resistant safety glasses with side shields and a face shield.</p>  |
| <b>Skin protection:</b>            | <p>Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. When handling material that has been heated, wear chemically resistant thermally insulating gloves, chemical resistant apron, long sleeves and other clothing as necessary to protect against thermal burns.</p>   |
| <b>Gloves:</b>                     | <p>Heat insulating chemically resistant gloves</p>  |
| <b>Other protective equipment:</b> | <p>Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.</p> <p>Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.</p> <p>When handling material that has been heated, wear chemically resistant thermally insulating gloves, chemical resistant apron, long sleeves and other clothing as necessary to protect against thermal burns.</p> <p>When handling material that is heated, wear chemically resistant safety glasses with side shields and a face shield.</p> |
| <b>General hygiene conditions:</b> | <p>When heated, the vapor/fumes given off may cause respiratory tract irritation. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.</p>  |

## 9. Physical and chemical properties

### Appearance (physical state, color etc.):

|                 |                |
|-----------------|----------------|
| Physical state: | Waxy Solid     |
| Color:          | Amber          |
| Odor:           | Petroleum Type |

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|   |                        |
|---|------------------------|
|   | Slight                 |
| Odor Threshold:                               | No data available      |
| pH:   | No data available      |
| Melting point/freezing point (°C):            |                        |
| Melting Point (°C):                           | No data available      |
| Freezing point (°C):                          | No data available      |
| Initial boiling point and boiling range (°C): | No data available      |
| Flash Point:                                  | 350 °F (177 °C)        |
| Evaporation Rate:                             | >1 (n-Butyl Acetate=1) |
| Flammability (solid, gas):                    | No data available      |
| Upper/lower flammability or explosive limits: |                        |
| Upper flammability or explosive limits:       | No data available      |
| Lower flammability or explosive limits:       | No data available      |
| Vapor pressure:                               | < 1 mmHg @ 20°C        |
| Vapor density:                                | >1 (Air=1)             |
| Relative density:                             | 0.92                   |
| Solubility(ies):                              | Negligible; 0-1%       |
| Partition coefficient: n-octanol/water:       | No data available      |
| Auto-ignition temperature (°C):               | No data available      |
| Decomposition Temperature (°C):               | No data available      |
| Viscosity:                                    | 60 cP                  |
| Volatiles, % by weight:                       | 0.05                   |
| VOC, Material, lb/gal                         | 0                      |
| VOC, Material, grams/liter                    | 0                      |
| VOC minus exempt solvents & water, g/L        | 0                      |

## 10. Stability and reactivity

|  |   |
|--|---|
| Reactivity:  | Not expected to be reactive   |
| Chemical stability:  | Hazardous polymerization will not occur.  |
| Possibility of hazardous reactions:                                | Under normal conditions of storage and use, hazardous reactions will not occur.   |
| Conditions to avoid (e.g., static discharge, shock, or vibration): | Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. |

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**Incompatible materials:** Strong oxidizing agents, Strong acids

**Hazardous decomposition products:** Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

## 11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

**Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):** Eye contact, Skin contact, Inhalation

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

**Ingestion Toxicity:** Estimated to be 2.0 - 5.0 g/kg; slightly toxic. Not believed to have any significant toxicity.

**Skin Contact:** No data available

**Inhalation Toxicity:** No data available

**Eye Contact:** Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

**Sensitization:** None known

**Mutagenicity:** No data

**Reproductive and Developmental Toxicity:** No data available

**Carcinogenicity:** There are no carcinogenic ingredients present at or over 0.1%.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

Numerical measures of toxicity (such as acute toxicity estimates):

| Chemical Name     | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-------------------|-----------|-------------|-----------------|
| No data available |           |             |                 |

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Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has it been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA?:

| Chemical Name  | OSHA Carcinogen | IARC Carcinogen | NTP Carcinogen |
|--|-----------------|-----------------|----------------|
| No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen. |                 |                 |                |

## 12. Ecological information

### Ecological Toxicity Data:

| Chemical Name     | CAS # | Aquatic EC50<br>Crustacea | Aquatic ERC50<br>Algae | Aquatic LC50 Fish |
|-------------------|-------|---------------------------|------------------------|-------------------|
| No data available |       |                           |                        |                   |

**Persistence and degradability:** No data  
**Bioaccumulative potential:** No data available  
**Mobility in soil:** No data available  
**Other adverse effects (such as hazardous to the ozone layer):** No data available

## 13. Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:** Spent or discarded material is non-hazardous according to environmental regulations.  
Dispose of in accordance with Local and National regulations.

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## 14. Transport information

|   |                                    |
|---|------------------------------------|
| Domestic Ground in containers <= 119 GL | Corrosion preventive/Non-Hazardous |
| Domestic Ground in containers > 119 GL  | Corrosion preventive/Non-Hazardous |
| Shipping name for Export, Air (IATA)    | Corrosion preventive/Non-Hazardous |
| Shipping name for Export, Sea (IMDG)    | Corrosion preventive/Non-Hazardous |
| Marine Pollutant?                       | No                                 |

## 15. Regulatory information

### International Inventory

| Country(s) or region |  | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada               | Domestic Substances List (DSL)   | Yes                    |
| Canada               | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe               | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                | Existing Chemicals List (ECL)  | Yes                    |
| New Zealand          | New Zealand Inventory  | Yes                    |
| Philippines          | Philippines Inventory of Chemicals and Chemical Substances (PICCS)     | Yes                    |
| Taiwan               | Taiwan Inventory   | Yes                    |



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|                             |   |     |
|-----------------------------|---|-----|
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |
|-----------------------------|---|-----|

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or are unknown from listing on the inventory administered by the governing country(s).

| Chemical Name   | CAS #     | Regulation                                   | Percent                 |
|---|-----------|--|-------------------------|
| Benzo[j]fluoranthene  | 205-82-3  | Prop. 65 - Cancer                            | <0.1                    |
| Contains no components from California Prop. 65 - Developmental/Reproductive list |           | Prop. 65 - Developmental and/or Reproductive |                         |
| Sodium hydroxide  | 1310-73-2 | CERCLA                                       | TRACE<br>RQ = 1000 lbs. |
| Benz(j)fluoranthene   | 205-82-3  | SARA 313                                     | <0.1                    |
| No SARA 302 EHS-listed chemicals in this product.                                 |           | SARA EHS                                     |                         |

## 16. Other information, including date of preparation or last revision.

SDS Prepared by: DAUBERT\HALINSKI  
Revision Date: 04-25-2024  
Revision Number: 37  
Reason for revision: Reviewed  
Approved: R. Cosman

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