1. Identification

Product identifier used on the label: NOX-RUST® R-576-95
   Stock Number: 4803015

Other means of identification:
   Synonyms: Aqueous Polymer
   Chemical family: Mixture

Recommended use of the chemical and restrictions on use:
   Recommended use: Corrosion Preventive Compound (water-based)
   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

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): “DO NOT FREEZE”
   Hazards not otherwise classified: No data available

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common name and synonyms</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Hazardous Ingredients</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Inhalation:** If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.

**Eye Contact:** Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

**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:** Not combustible. Use extinguishing media appropriate for surrounding fire.

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

**Specific hazards arising from the chemical:** Water-based. Material will not ignite or burn as supplied.

**Hazardous combustion products:** Oxides of carbon

**Special protective equipment and precautions for fire-fighters:** Will not burn. No special instructions available.
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: No health effects expected from the clean-up of this material, if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this SDS

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: Mildly irritating material. Avoid unnecessary exposure. Remove contaminated clothing and wash before reuse. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. 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.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Keep from freezing. No special requirements

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents, Metals

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:

<table>
<thead>
<tr>
<th>Chemical component</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>ACGIH STEL</th>
<th>IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls: No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur. A respirator is not normally required.
Eye protection: Wear safety glasses when handling this product.

Skin protection: Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Chemically resistant gloves

Other protective equipment: Wear safety glasses when handling this product.

Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

General hygiene conditions: Use with adequate ventilation Remove contaminated clothing and wash before reuse. 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.

9. Physical and chemical properties

Appearance (physical state, color etc.):

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Viscous Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Black</td>
</tr>
<tr>
<td>Odor:</td>
<td>Ammonia</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>No data available</td>
</tr>
<tr>
<td>pH:</td>
<td>8-12</td>
</tr>
</tbody>
</table>

Melting point/freezing point (°C):

<table>
<thead>
<tr>
<th>Melting Point (°C):</th>
<th>No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freezing point (°C):</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Initial boiling point and boiling range (°C): 100

Flash Point: Not measurable (water-based, >200°F)

Evaporation Rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits:

<table>
<thead>
<tr>
<th>Upper flammability or explosive limits:</th>
<th>No data available</th>
</tr>
</thead>
</table>

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Safety Data Sheet

Product identifier used on the label: NOX-RUST® R-576-95
Stock Number: 4803015
Revision Date: 02-08-2019
Replaces: 01-12-2018

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower flammability or explosive limits:</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density:</td>
<td>&gt;1 (Air=1)</td>
</tr>
<tr>
<td>Relative density:</td>
<td>1.33</td>
</tr>
<tr>
<td>Solubility(ies):</td>
<td>Complete; 100%</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water:</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature (°C):</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature (°C):</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>20000 cP</td>
</tr>
<tr>
<td>Volatiles, % by weight:</td>
<td>40.54</td>
</tr>
<tr>
<td>VOC, Material, lb/gal</td>
<td>0.01</td>
</tr>
<tr>
<td>VOC, Material, grams/liter</td>
<td>1.5</td>
</tr>
<tr>
<td>VOC minus exempt solvents &amp; water, g/l</td>
<td>3</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

Reactivity: Not expected to be reactive
Chemical stability: Stable under normal conditions.
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): Freezing temperatures (will cause permanent damage). None known.
Incompatible materials: Strong oxidizing agents, Metals
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: Under normal industrial usage conditions, ingestion is highly unlikely.

Skin Contact: Can cause minor skin irritation, defatting, and dermatitis.

Inhalation Toxicity: Non-Toxic. Not known to cause systemic damage.

Eye Contact: Can cause minor irritation, tearing and reddening.

Sensitization: None known

Mutagenicity: No data

Reproductive and Developmental Toxicity: No data available

Carcinogenicity: Carbon black has been classified by IARC as a Category 2B (known animal carcinogen, possible human carcinogen) material. This was based on the results of rat inhalation studies of carbon black, despite the lack of parallel evidence on humans or other animal species. Carbon Black in a coating product, either in wet or dry form, is encapsulated and unlikely to be present in small enough particles to present an inhalation risk. Normal precautions should be taken if the dry coating is to be severely abraded by sanding or sandblasting. Crystalline Silica: This product contains mined materials which generally contain small amounts of crystalline silica (CAS# 14808-60-7, quartz sand) above 0.1% as a naturally occurring impurity. IARC Monographs on the evaluations of the carcinogenic Risk of Chemicals to Humans (Volume 42, 1987) concludes that there is "limited evidence" of the carcinogenicity of crystalline silica to humans. IARC classification 2A. Crystalline silica in a coating product, either in wet or dry form, is encapsulated and unlikely to be present in small enough particles to present an inhalation risk. Normal dust precautions should be taken if the dry coating is to be severely abraded by sanding or sandblasting.

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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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?:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA Carcinogen</th>
<th>IARC Carcinogen</th>
<th>NTP Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Carbon black</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data available

Ecological Toxicity Data:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Aquatic EC50 Crustacea</th>
<th>Aquatic ERC50 Algae</th>
<th>Aquatic LC50 Fish</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Describe 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.

Waste codes / waste designations: Not applicable

14. Transport information

Domestic Ground in containers <= 119 GL: Coating, water-based/Non-Hazardous
Domestic Ground in containers > 119 GL: Coating, water-based/Non-Hazardous
Shipping name for Export, Air (IATA)
Coating, water-based/Non-Hazardous

Shipping name for Export, Sea (IMDG)
Coating, water-based/Non-Hazardous

Marine Pollutant?
No

15. Regulatory information

Status of formula components on selected national regulatory inventories:

<table>
<thead>
<tr>
<th>LIST</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>All components in this product are on the TSCA Inventory or exempt.</td>
</tr>
<tr>
<td>Canadian DSL</td>
<td>All chemical substances in this material are included on or exempted from listing on the Canadian DSL.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Regulation</th>
<th>Percent</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica</td>
<td>14808-60-7</td>
<td>Prop. 65 - Cancer</td>
<td>0.1 - 1</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>1333-86-4</td>
<td>Prop. 65 - Cancer</td>
<td>0.1 - 1</td>
<td></td>
</tr>
<tr>
<td>Formaldehyde (gas)</td>
<td>50-00-0</td>
<td>Prop. 65 - Cancer</td>
<td>TRACE</td>
<td></td>
</tr>
<tr>
<td>Contains no components from</td>
<td></td>
<td>Prop. 65 -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>California Prop. 65 -</td>
<td></td>
<td>Developmental and/or Reproductive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Developmental/Reproductive list</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ammonium Hydroxide</td>
<td>1336-21-6</td>
<td>CERCLA</td>
<td>0.1 - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RQ = 1000 lbs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No 313-listed chemicals in this product.

No SARA 302 EHS-listed chemicals in this product.
Safety Data Sheet

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Replaces: 01-12-2018

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

SDS Prepared by: DAUBERT\HALINSKI
Revision Date: 02-08-2019
Revision Number: 41
Reason for revision: Reviewed
Approved: M. Longo

Disclaimer: Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.