

# Safety Data Sheet



Stock Number: 4150001  
Revision Date: 04-23-2024  
Replaces: 07-22-2022

## NOX-RUST® VCI 10

### 1. Identification

**Product identifier used on the label:** NOX-RUST® VCI 10  
**Stock Number:** 4150001

**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 Hazard  
Symbols:



**GHS Classification:** Reproductive Toxicity Category 2

**Signal Word:** Warning

**Hazard Statements:** Suspected of damaging fertility or the unborn child.

**Unclassified Hazards (HNOC):** None Identified

**Precautionary Statements:**  
**Prevention:** Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** IF exposed or concerned: Get medical advice/attention.

**Storage:** Store locked up.

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**Disposal:** Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

**Hazards not otherwise classified:** No data available

## 3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
2-Ethylhexanoic acid	None	149-57-5	0.1 - 1

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. Remove contaminated clothing and launder. 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:** Suspected of damaging fertility or the unborn child.

**Indication of immediate medical attention and special treatment needed, if necessary:** Consult a physician. Treat symptomatically.

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## 5. Fire-fighting measures

### Suitable (and unsuitable) extinguishing media:

**Suitable extinguishing media:** Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray 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 fire.

Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

**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:** Carbon dioxide, Carbon monoxide, Hydrocarbons

**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.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section VIII of this SDS.

**Methods and materials for containment and cleaning up:** Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

## 7. Handling and storage

**Precautions for safe handling:** Avoid contacting and avoid breathing the material. 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:** Store in a cool dry place. Isolate from incompatible materials. Store in tightly sealed original container. Do not store in direct sunlight

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Materials to Avoid/Chemical  
Incompatibility:

Strong oxidizing agents

## 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
2-Ethylhexanoic acid		5 mg/m <sup>3</sup> (inhalable fraction & vapor)		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.

**Eye protection:** Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

**Skin protection:** 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.

**Gloves:** Chemically resistant gloves

**Other protective equipment:** Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

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.

**General hygiene conditions:** Use spark-proof tools and explosion-proof equipment. 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.

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## 9. Physical and chemical properties

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

Physical state:	Oily liquid
Color:	Amber
Odor:	Amine Type
	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:	> 340 °F (171 °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:	No data available
Vapor density:	>1 (Air=1)
Relative density:	0.906
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:	Typical 38 cSt @ 40°C
Volatiles, % by weight:	6
VOC, Material, lb/gal	.45
VOC, Material, grams/liter	53.98
VOC minus exempt solvents & water, g/L	54

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## 10. Stability and reactivity

<b>Reactivity:</b>	Not expected to be reactive
<b>Chemical stability:</b>	Hazardous polymerization will not occur.
<b>Possibility of hazardous reactions:</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid (e.g., static discharge, shock, or vibration):</b>	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.
<b>Incompatible materials:</b>	Strong oxidizing agents
<b>Hazardous decomposition products:</b>	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:** Suspected of damaging fertility or the unborn child.

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

<b>Ingestion Toxicity:</b>	Estimated to be 2.0 - 5.0 g/kg; slightly toxic. Not believed to have any significant toxicity.
<b>Skin Contact:</b>	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
<b>Inhalation Toxicity:</b>	No data available
<b>Eye Contact:</b>	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
<b>Sensitization:</b>	None known
<b>Mutagenicity:</b>	No data
<b>Reproductive and Developmental Toxicity:</b>	Contains a substance that is a possible reproductive system hazard based on animal studies.
<b>Carcinogenicity:</b>	There are no carcinogenic ingredients present at or over 0.1%.
<b>STOT-single exposure:</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data, the classification criteria are not met.

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**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			

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 Crustacea	Aquatic ERC50 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 not expected to be a hazardous waste.  
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)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
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)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Inventory	No

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United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
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\*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
Contains no components from California Prop. 65 - Cancer list		Prop. 65 - Cancer	
Contains no components from California Prop. 65 - Developmental/Reproductive list		Prop. 65 - Developmental and/or Reproductive	
No CERCLA-listed chemicals in this product.		CERCLA	
No 313-listed chemicals in this product.		SARA 313	
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: 04-23-2024

Revision Number: 46

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.