

Safety Data Sheet



Stock Number: 4779012
Revision Date: 12-07-2022
Replaces: 11-10-2021

NOX-RUST® R-576-055

1. Identification

Product identifier used on the label: **NOX-RUST® R-576-055**
Stock Number: 4779012

Other means of identification:

Synonyms: None
Chemical family: Mixture

Recommended use of the chemical and restrictions on use:

Recommended use: Corrosion preventive coating (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 - 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: Skin Sensitization Category 1
Signal Word: Warning
Hazard Statements: May cause an allergic skin reaction
Unclassified Hazards (HNOC): DO NOT FREEZE ---- FREEZING WILL CAUSE PERMANENT DAMAGE!!

Precautionary Statements:

Prevention: Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Response: If on skin: Wash with plenty of water.
Specific treatment: see Section 4 on this SDS.
If skin irritation or rash occurs: Get medical advice/attention.

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Wash contaminated clothing before reuse.

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 #	%
Polypropylene glycol alkyl phenyl ether	None	9064-13-5	1 - 5
Propylene glycol n-butyl ether	None	5131-66-8	1 - 5
Naphthalenesulfonic acid, dinonyl-, barium salt (2:1)	None	25619-56-1	1 - 5

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:

Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.

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:

May cause an allergic skin reaction

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: Water-based. Not combustible as supplied. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: No data available

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. 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. Keep from freezing.

Materials to Avoid/Chemical Incompatibility: Strong acids, Strong alkalies, Strong oxidizing agents

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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
Naphthalenesulfonic acid, dinonyl-, barium salt (2:1)	0.5 mg/m ³	0.5 mg/m ³		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: 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 chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

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: Impervious rubber

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

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: 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.):

Physical state: Liquid

Color: White to off-white

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Odor:	Ammonia Slight
Odor Threshold:	No data available
pH:	9.5
Melting point/freezing point (°C):	
Melting Point (°C):	0
Freezing point (°C):	No data available
Initial boiling point and boiling range (°C):	No data available
Flash Point:	Not measurable (water-based, >200°F)
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:	1.05
Solubility(ies):	Complete; 100%
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature (°C):	No data available
Decomposition Temperature (°C):	No data available
Viscosity:	Typical 2000 - 2500 cP
Volatiles, % by weight:	72.8
VOC, Material, lb/gal	0.3
VOC, Material, grams/liter	36.0
VOC minus exempt solvents & water, g/L	134

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.

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Conditions to avoid (e.g., static discharge, shock, or vibration):	Temperatures above flash point in combination with sparks, open flames, or other sources of ignition. Freezing temperatures (will cause permanent damage). Elevated temperatures. Contamination.
Incompatible materials:	Strong acids, Strong alkalies, Strong oxidizing agents
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):	Skin
Symptoms related to the physical, chemical and toxicological characteristics:	May cause an allergic skin reaction

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

Ingestion Toxicity:	No data available
Skin Contact:	Can cause minor skin irritation, defatting, and dermatitis. May cause sensitization.
Inhalation Toxicity:	Non-Toxic. Not known to cause systemic damage.
Eye Contact:	Mild eye irritant.
Sensitization:	May cause an allergic skin reaction
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
Polypropylene glycol alkyl phenyl ether	Oral LD50 Rat > 5000 mg/kg		
Naphthalenesulfonic acid, dinonyl-, barium salt (2:1)	Oral LD50 Rat 1750 mg/kg	Dermal LD50 Rabbit 10000 mg/kg	Inhalation LC50 (1h) Rat > 21 mg/L

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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

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

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Polypropylene glycol alkyl phenyl ether	9064-13-5	EC50(48 HR) WATER FLEA = 116.47 mg/L	EC50(72HR) GREEN ALGAE > 100 mg/L	LC50(96 HR) GOLDEN ORFE = 53 mg/L

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)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
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)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
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	
2-Dimethylaminoethanol	108-01-0	CERCLA	0.5 - 1.5 RQ = 100 lbs
Ammonium Hydroxide	1336-21-6	CERCLA	<0.1 RQ = 1000 lbs.
Barium compounds (N040)	25619-56-1	SARA 313	1 - 5
Glycol ether (N230)	143-22-6	SARA 313	<0.1
Ammonium Hydroxide	1336-21-6	SARA 313	<0.1
No SARA 302 EHS-listed chemicals in this product.		SARA EHS	

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

SDS Prepared by: DAUBERT\HALINSKI

Revision Date: 12-07-2022

Revision Number: 93

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.