

# Safety Data Sheet

Revision Date 11-26-2014  
Revision Number 1



## SECTION 1 Identification of the substance/mixture and of the company/undertaking

### Product identification used on label

<b>Product identifier</b>	4513 NOX-RUST X-298
<b>Details of the supplier of the safety data sheet</b>	Daubert Chemical Company 4700 S. Central Avenue Chicago, IL 60638 708-496-7350
<b>Emergency telephone number</b>	Chemtrec: (800) 424-9300
<b>Relevant identified uses of the substance or mixture and uses advised against</b>	Corrosion Preventive Compound

## SECTION 2 Hazards identification

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

<b>GHS Classification</b>	Flammable Liquid Category 4
<b>Signal Word</b>	Warning
<b>Hazard Statements</b>	Combustible Liquid
<b>Precautionary Statements</b>	
<b>Prevention</b>	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	Use dry chemical, water fog, CO <sub>2</sub> , foam or sand/earth for extinction.
<b>Storage</b>	Store in a well-ventilated place. Keep cool.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

## SECTION 3 Composition/information on ingredients

<b>Chemical Name</b>	<b>CAS #</b>	<b>%</b>
Kerosene	8008-20-6	60 - 90

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

## SECTION 4 First aid measures

<b>Inhalation</b>	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
<b>Eyes</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.

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**Ingestion** Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

**Note to Doctor** Treat symptomatically.

## SECTION 5 Firefighting measures

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**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. Do not direct a water stream directly into the hot burning liquid.

**Fire and/or Explosion Hazards** Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

**Fire Fighting Methods and Protection** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

**Hazardous Combustion Products** Carbon dioxide, Carbon monoxide, Toxic fumes, Hydrocarbons

## SECTION 6 Accidental release measures

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**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 VIII 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** 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 VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

## SECTION 7 Handling and storage

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**Precautions for safe handling** Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing.

**Conditions for safe storage, including any incompatibilities** Store in a cool dry place. Isolate from incompatible materials.

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

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## SECTION 8 Exposure controls/personal protection

### Control parameters

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>
Kerosene	5 mg/m3		5 mg/m3

<b>Engineering Measures</b>	Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits
<b>Respiratory Protection</b>	Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Wear a NIOSH approved respirator if levels above the exposure limits are possible. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. If an exposure limit is exceeded provide respiratory protection.
<b>Eye Protection</b>	Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.
<b>Skin Protection</b>	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.
<b>Gloves</b>	Protective Gloves Recommended.

## SECTION 9 Physical and chemical properties (Typical, not specification)

<b>Physical State</b>	Oily liquid
<b>Color</b>	Amber
<b>Odor</b>	Mild Hydrocarbon Solvent
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point, °C</b>	No data available
<b>Boiling Point, °C</b>	No data available
<b>Flash Point</b>	175 °F( 79 °C)
<b>Evaporation Rate</b>	<1 (n-Butyl Acetate=1)
<b>Flammability (Solid, Gas)</b>	No data available
<b>Lower Flammable/Explosive Limit, % in air</b>	No data available
<b>Upper Flammable/Explosive Limit, % in air</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	>1 (Air=1)
<b>Specific Gravity @ 25°C</b>	0.82
<b>Solubility in Water</b>	Negligible; 0-1%
<b>Octanol/Water Partition Coefficient</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

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Volatiles, % by weight	No data available
VOC, Method EPA 24, lb/gal	5.5
VOC, Method EPA 24, grams/liter	659.7
VOC minus exempt solvents & water, lb/gal	5.5

## SECTION 10 Stability and reactivity

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<b>Chemical stability</b>	Stable under normal conditions. 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</b>	Contamination.
<b>Incompatible materials</b>	Strong oxidizing agents, Strong acids, Strong alkalis
<b>Hazardous decomposition products</b>	Decomposition and hazardous decomposition products are unlikely.

## SECTION 11 Toxicological information

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<b>Likely Routes of Entry</b>	Inhalation, Skin contact, Eye contact
<b>Target Organs Potentially Affected by Exposure</b>	No organs known to be damaged from exposure to this product.
<b>Chemical Interactions That Change Toxicity</b>	No chemical interaction known to affect toxicity.
<b>Medical Conditions Aggravated</b>	Skin contact may aggravate existing skin disease
<b>Immediate (Acute) Health Effects by Route of Exposure</b>	
<b>Inhalation Irritation</b>	Can cause minor respiratory irritation.
<b>Inhalation Toxicity</b>	Non-Toxic. Not known to cause systemic damage.
<b>Skin Contact</b>	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
<b>Skin Absorption</b>	No absorption hazard expected in normal industrial use.
<b>Eye Contact</b>	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
<b>Ingestion Irritation</b>	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
<b>Ingestion Toxicity</b>	Harmful if swallowed.
<b>Long-Term (Chronic) Health Effects</b>	
<b>Carcinogenicity</b>	Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.
<b>Reproductive and Developmental Toxicity</b>	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Inhalation</b>	Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")
<b>Skin Contact</b>	Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
<b>Skin Absorption</b>	Upon prolonged or repeated exposure, no hazard in normal industrial use.

### Component Toxicology Data

Chemical Name	CAS Number	LD50/LC50
No data available		

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## SECTION 12 Ecological information

<b>Overview</b>	No ecological information available
<b>Mobility</b>	No data
<b>Persistence</b>	No data
<b>Bioaccumulation</b>	No data
<b>Degradability</b>	No data

### Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
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No data available

## SECTION 13 Disposal considerations

<b>Waste Description for Spent Product</b>	Spent or discarded material is a hazardous waste.
<b>Disposal Methods</b>	Dispose of by incineration following Federal, State, Local, or Provincial regulations.
<b>Waste Disposal Code(s)</b>	D001

## SECTION 14 Transport information

<b>Full Shipping Name for Export, Air, Sea (any quantity) or vessels of 119 gal. or more:</b>	UN1268, PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent), 3, PG III
<b>Domestic Ground in vessels &lt; 119 gal.</b>	Not Regulated

## SECTION 15 Regulatory information

<b>TSCA Status</b>	All components in this product are on the TSCA Inventory or exempt.
<b>Canadian DSL status:</b>	All chemical substances in this material are included on or exempted from listing on the Canadian DSL.

Chemical Name	CAS #	Regulation	Percent
<b>Zinc Compounds</b>	28016-00-4	SARA 313	1 - 5

## SECTION 16 Other information

<b>Revision Date</b>	11-26-2014
<b>Disclaimer</b>	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.
<b>Version</b>	Original
<b>Comments</b>	Approved: J. Kump / M. Duncan