

Safety Data Sheet

Revision Date 09-08-2014
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SECTION 1 Identification of the substance/mixture and of the company/undertaking

Product identification used on label

Product identifier	4008 NOX-RUST® 7100
Details of the supplier of the safety data sheet	Daubert Cromwell 12701 S. Ridgeway Ave Alsip, IL 60803 708-293-7750
Emergency telephone number	Chemtrec: (800) 424-9300
Relevant identified uses of the substance or mixture and uses advised against	Corrosion Preventive Compound

SECTION 2 Hazards identification

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

GHS Hazard Symbols



GHS Classification	Flammable Liquid Category 3
Signal Word	Warning
Hazard Statements	Flammable liquid and vapour.
Precautionary Statements	
Prevention	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.
Response	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Storage	Use dry chemical, water fog, CO ₂ , foam or sand/earth for extinction. Keep container tightly closed.
Disposal	Store in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

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SECTION 3 Composition/information on ingredients

Chemical Name	CAS #	%
Hydrotreated light distillate (Petroleum)	64742-47-8	90 - 99

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

SECTION 4 First aid measures

Inhalation	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
Eyes	Immediately 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 and monitor the eye daily as advised by your physician.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS.
Note to Doctor	Treat symptomatically.

SECTION 5 Firefighting measures

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	Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.
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. Use appropriate methods for the surrounding fire.
Hazardous Combustion Products	Oxides of carbon, Aldehydes, Smoke, Sulfur oxides, Barium oxides, Peroxides, Hydrocarbons

SECTION 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 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.
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Methods and materials for containment and cleaning up Absorb or cover with dry earth, sand or other non-combustible material and transfer to appropriate waste containers. Use clean, non-sparking tools to collect absorbed material. Collect and discard in accordance with local, state and national regulations.

SECTION 7 Handling and storage

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. Ground and bond containers when transferring material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

Conditions for safe storage, including any incompatibilities Store in a cool dry place. Isolate from incompatible materials. Keep container closed when not in use. Keep away from heat, sparks, and flame. Purge container with nitrogen before resealing. Keep dry. Store away from sources of heat and light.

Incompatible materials Strong oxidizing agents, Hypochlorites, Chlorine

SECTION 8 Exposure controls/personal protection

Control parameters

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>
Hydrotreated light distillate (Petroleum)	100 ppm (8hrs)		500 ppm (8 hr)

Engineering Measures 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

Respiratory Protection Proper ventilation (at a minimum) will be required when handling this product. Use respirators (NIOSH approved) only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. 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.

Eye Protection Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available.

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

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

Physical State	Liquid
Color	Amber
Odor	Mild Hydrocarbon Solvent
Odor Threshold	No data available
pH	No data available
Melting Point, °C	No data available
Boiling Point, °C	No data available
Flash Point	>= 100 °F(38 °C)
Evaporation Rate	<1 (n-Butyl Acetate=1)
Flammability (Solid, Gas)	No data available
Lower Flammable/Explosive Limit, % in air	No data available
Upper Flammable/Explosive Limit, % in air	No data available
Vapor Pressure	3.4 mmHg
Vapor Density	>1 (Air=1)
Specific Gravity @ 25°C	0.8
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	1.3 cSt @ 40°C
Volatiles, % by weight	91.5
VOC, Method EPA 24, lb/gal	6
VOC, Method EPA 24, grams/liter	720
VOC minus exempt solvents & water, lb/gal	6

SECTION 10 Stability and reactivity

Chemical stability	Stable under normal conditions. Hazardous polymerization will not occur. May form explosive peroxides
Possibility of hazardous reactions	Strong oxidizing agents, Hypochlorites, Chlorine
Conditions to avoid	Contamination. Elevated temperatures.
Incompatible materials	Strong oxidizing agents, Hypochlorites, Chlorine
Hazardous decomposition products	Decomposition and hazardous decomposition products are unlikely.

SECTION 11 Toxicological information

Likely Routes of Entry	Inhalation, Skin contact, Eye contact, Absorption
Target Organs Potentially Affected by Exposure	Kidneys, Liver, Eyes, Respiratory Tract, Lungs, Skin, Central Nervous System
Chemical Interactions That Change Toxicity	No chemical interaction known to affect toxicity.
Medical Conditions Aggravated	Liver disease, Skin contact may aggravate existing skin disease, Kidney disease, Respiratory disease including asthma and bronchitis

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Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Can cause mechanical irritation if dusts are generated. Other possible symptoms include; wheezing and coughing due to pulmonary edema (fluid build-up in lungs).
Inhalation Toxicity	Non-Toxic. Not known to cause systemic damage.
Skin Contact	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
Skin Absorption	May cause irritation and minor systemic damage.
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.
Ingestion Irritation	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Substance is harmful if swallowed. Large exposure may be fatal.
Ingestion Toxicity	Harmful if swallowed.

Long-Term (Chronic) Health Effects

Carcinogenicity	Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.
Reproductive and Developmental Toxicity	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Inhalation	Upon prolonged and/or repeated exposure, can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")
Skin Contact	Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.
Skin Absorption	Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause minor systemic damage.

Eyes (Draize score) This material is estimated to be non-irritating eyes (Draize score <15 [rabbits]).

Component Toxicology Data

Chemical Name	CAS Number	LD50/LC50
Hydrotreated light distillate (Petroleum)	64742-47-8	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg

SECTION 12 Ecological information

Overview	No ecological information available
Mobility	No data
Persistence	No data
Bioaccumulation	No data
Degradability	No data

Ecotoxicity Data

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

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SECTION 13 Disposal considerations

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

SECTION 14 Transport information

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

SECTION 15 Regulatory information

TSCA Status All components in this product are on the TSCA Inventory or exempt.

Chemical Name	CAS #	Regulation	Percent
Barium compounds	68425-33-2	SARA 313	1 - 5
Barium compounds	61790-48-5	SARA 313	0.5 - 1.5

SECTION 16 Other information

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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.
Version Reviewed
Comments Approved: M. Longo