Safety Data Sheet

Revision Date 06-15-2016
Revision Number 11

DAUBERT CHEMICAL COMPANY, INC.

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

Product identification used on label

Product identifier	4869 NOX-RUST® 1210HP
Details of the supplier of the safety data sheet	Daubert Chemical Company 4700 S. Central Avenue Chicago, IL 60638 708-496-7350
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 Classification	Not classified as hazardous under OSHA.
Hazard Statements	Molten material can cause thermal burns. When heated, the vapors/fumes given off may cause respiratory tract irritation. Not hazardous under OSHA regulations.

SECTION 3 Composition/information on ingredients

Chemical Name	CAS #	%
No Hazardous Components		

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. If burned by contact with hot material, molten material adhering to skin should be cooled as quickly as possible with water and see a physician for removal of adhering material and treatment of burn.
Ingestion	Do not induce vomiting. Seek medical attention immediately. 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	Treat symptomatically.

SECTION 5 Firefighting measures

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.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.
Fire and/or Explosion Hazards	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
Fire Fighting Methods and Protection	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use appropriate methods for the surrounding fire.
Hazardous Combustion Products	Oxides of carbon, Formaldehyde, Hydrocarbons, Sulfur oxides

SECTION 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	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

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. Remove contaminated clothing and wash before reuse. When heated, the vapor/fumes given off may cause respiratory tract irritation.
Conditions for safe storage, including any incompatibilities	Store in a cool dry place. Isolate from incompatible materials.Product is commonly shipped and stored at elevated temperatures. Isolate from incompatible materials.
Incompatible materials	Ammonia, Strong oxidizing agents, Chromic acid, Strong acids, Amines

SECTION 8 Exposure controls/personal protection

Control parameters

Chemical Name	**ACGIH TLV**	**ACGIH STEL**	**OSHA PEL**

No exposure limits in vapor form

Engineering Measures	General room ventilation might be required to maintain operator comfort under normal conditions of use.
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 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	Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. When handling material that has been heated, wear chemically resistant thermally insulating gloves, chemical resistant apron, long sleeves and other clothing as necessary to protect against thermal burns.
Gloves	Heat insulating chemically resistant gloves

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

Physical State	Waxy Solid
Color	Black
Odor	Slight Petroleum Type
Odor Threshold	No data available
pH	No data available
Melting Point/freezing point, °C	105
Initial boiling point and boiling range, °C	No data available
Flash Point	> 450 °F(232 °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	< 1 mmHg
Vapor Density	>1 (Air=1)
Specific Gravity @ 25°C	0.86
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity @ 140°C	Typical 150 cP
Volatiles, % by weight	0
VOC, lb/gal	No data available
VOC, grams/liter	No data available

SECTION 10 Stability and reactivity

Reactivity	No data available
Chemical stability	Stable under normal conditions. Hazardous polymerization will not occur.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Contamination. High temperatures.

Incompatible materials	Ammonia, Strong oxidizing agents, Chromic acid, Strong acids, Amines
Hazardous decomposition products	Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

SECTION 11 Toxicological information

Likely Routes of Entry	Inhalation, Eye contact, Skin contact
Target Organs Potentially Affected by Exposure	Eyes, Lungs (only if dust or mist is present)
Chemical Interactions That Change Toxicity	No chemical interaction known to affect toxicity.
Medical Conditions Aggravated	Eye disease., Respiratory disease including asthma and bronchitis

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Can cause minor respiratory irritation.
Skin Contact	Can cause minor skin irritation, defatting, and dermatitis. Exposure to hot material may cause thermal burns.
Eye Contact	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
Ingestion Irritation	Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.
Ingestion Toxicity	Not believed to have any significant toxicity.

Long-Term (Chronic) Health Effects

Carcinogenicity	There are no carcinogenic ingredients present at or over 0.1%.
Inhalation	Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.
Skin Contact	Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.
Ingestion	Under normal industrial usage conditions, ingestion is highly unlikely.

Component Toxicology Data

Chemical Name	CAS Number	LD50/LC50
No data available		

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				

SECTION 13 Disposal considerations

Waste Description for Spent Product	Spent or discarded material is not expected to be a hazardous waste.
Disposal Methods	Dispose of in accordance with Local and National regulations.
Waste Disposal Code(s)	Not applicable

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SECTION 14 Transport information

Full shipping name for Export, Air, Sea (any quantity unless flash pt. >150ºF) or vessels of 119 GL or more	UN3257, ELEVATED TEMPERATURE LIQUID, N.O.S., (Paraffin Wax, Petroleum Oil), 9, PG III,
Domestic Ground in vessels < 119 gal.	Not Regulated

SECTION 15 Regulatory information

Status of formula components on selected national regulatory inventories:

LIST	STATUS
TSCA	All components in this product are on the TSCA Inventory or exempt.
Canadian DSL	All chemical substances in this material are included on or exempted from listing on the Canadian DSL.

Chemical Name	CAS #	Regulation	Percent
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	

SECTION 16 Other information

Revision Date	06-15-2016
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 Comments	Reviewed Approved: M. Longo