

MATERIAL SAFETY DATA SHEET

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HMIS HAZARD RATING

HEALTH	1
FIRE	4
REACTIVITY	1
PERSONAL PROTECTION	X

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(Company name, address, telephone, fax only)

Revised:
By: S. Dhoot

SECTION I: PRODUCT IDENTIFICATION

Product Name: **NOX-RUST®5400 AEROSOL CAN**
Chemical Family: Petroleum Solvent/Additive Blend
Material Usage: Corrosion Preventive Iron or Steel
Product Class: Aerosol Cans

SECTION II: HAZARDOUS INGREDIENTS

Component	CAS	Volatile % by weight	LEL	Vapor Pressure mm Hg. @ 20 C	OSHA PEL- PPM	ACGIH TLV- PPM	SARA 313 LISTED	LISTED NTP	LISTED IARC	CARCINOGEN OSHA
Hydrotrd	64742-	78.0	NA	NA	NA	NA	N	N	N	N
Naph.Oil	53-6									
Propane	74-98- 6	14.0	2.2	110.0	1000	1000	N	N	N	N
N-Butane	106- 97-8	6.0	1.8	17.0	800	900	N	N	N	N

SECTION III: HEALTH HAZARD INFORMATION

Primary Routes of Entry: Inhalation, skin absorption.

Acute Effects: **INHALATION:** Anesthetic effect, irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma. **EYE** - contact may cause redness, irritation, tearing and blurred vision. **SKIN** - contact may dry skin causing cracks and irritation. **INGESTION** - may be harmful or fatal if swallowed.

Chronic Effects: Reports have associated repeated and prolonged occupational overexposure to solvents with liver, kidney, brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents

may be harmful or fatal.

Carcinogenicity: None of the components of this product are listed as carcinogens by NTP, IARC, or OSHA 1910(Z).

Pre-Existing Medical Conditions Aggravated by Exposure: Asthma and other respiratory ailments. Chemical sensitization.

SECTION IV: FIRST AID PROCEDURES

Inhalation: Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration; if breathing is difficult, give oxygen.

Eyes: In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.

Skin: Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.

Ingestion: Drink 1 or 2 glasses of water to dilute. DO NOT INDUCE VOMITING. Consult a physician or Poison Control Center immediately.

SECTION V: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): 12 °F. Min.

Explosive Limits: LEL = 0.6 UEL = 7.0

EXTINGUISHING MEDIA:

Small Fires: Use (NFPA) Class B extinguisher, Dry chemical, CO₂, water spray, or regular foam.

Large Fires: Water spray, fog, or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks. For massive fire in cargo area, use unmanned hose holder or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

Special Firefighting Protection/Emergency Action: Treat as a pressurized container. Pressure build up due to heat exposure may cause containers to explode. Water may be used to cool ruptured containers. Firefighters should be equipped with self-contained breathing apparatus when fighting fires involving this material. Level 3 Aerosol (NFPA 30B).

Unusual Fire/Explosion Hazards: Flammable/combustible material; may be ignited by extreme heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Container may explode in heat of fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

Products of Combustion: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.

SECTION VI: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Steps to be Taken in case Material is Released or Spilled: Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk.

Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Large Spills: Dike far ahead of liquid spill for later disposal.

SECTION VII: SAFE HANDLING INFORMATION

Precautions To Be Taken In Handling/Storage: Store in cool, well-ventilated area. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. When storing large quantities, storage conditions should comply with OSHA 1910.106

Other Precautions: Never wear contaminated clothing. Launder or dry clean before wearing. Discard oil-soaked shoes. Wash thoroughly with soap and water (waterless hand cleaner may be helpful in removing residues) after use and before smoking or eating. Avoid excessive skin contact. Prevent prolonged or repeated breathing of vapor or spray mist. Do not take internally. Keep out of reach of children. Use with adequate ventilation.

SECTION VIII: EXPOSURE CONTROLS

Respiratory Protection: In open areas with unrestricted ventilation, an OSHA approved respirator to remove solid airborne particles of overspray may be used if prolonged and repeated exposure is likely. In areas with restricted ventilation, the use of OSHA approved chemical/mechanical filter designed to remove both particles and vapors is recommended.

Ventilation: Supply sufficient ventilation to keep air contaminants below current OSHA(PEL) or ACGIH(TLV).

Personal Protective Equipment:

Protective Gloves: Impervious gloves (Viton, PVOH, etc.)

Eye Protection: Safety glasses with side shields or chemical goggles.

Other Protective Clothing or Equipment: If splashing is anticipated, wear rubber apron and boots or other protective equipment to minimize contact.

Hygienic Practice: Wash hands before eating or using washroom.

SECTION IX: REACTIVITY HAZARD DATA

Stability: Stable

Incompatibility: Strong acids, oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.

Hazardous Polymerization: Will not occur.

SECTION X: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear spray
Odor:	Solvent type
Boiling Point (initial):	-43.7 °F-352°F
Evaporation Rate (Ether =1):	<1
Vapor Density (air=1):	>1
Solubility in Water:	Negligible
Weight per gallon:	6.53
Percent Volatile by Volume:	96.48

SECTION XI: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with state, local and federal regulations.

SECTION XII: TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Consumer Commodity

ID No.: UN1950

Hazard Class: ORD-D-AIR

SECTION XIII: REGULATORY INFORMATION

VOLATILE ORGANIC CONTENT(lbs/gal) (Calculated value):	6.30
EPA HAZARDOUS WASTE NUMBER(S) (40 CFR PART 261):	D001

EPA HAZARD CATEGORY (40 CFR PART 370):	IMMEDIATE (ACUTE)
	DELAYED (CHRONIC)
	FIRE (FLAMMABLE)

SARA TITLE III:

This product contains the following TOXIC CHEMICALS subject to the Reporting Requirements of Sec. 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and of 40 CFR Part 372:

Chemical	CAS No.	Wt %
None		

This product contains the following EXTREMELY HAZARDOUS SUBSTANCE(S) subject to Emergency Planning

Requirements under Sec. 301-303 (40 CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:

Chemical	CAS No.	Wt %	RQ/TPQ Lbs
NONE			

(CERCLA LIST) This product contains the following HAZARDOUS SUBSTANCE(S) subject to Emergency Release Notification Requirements under Sec. 304 (40CFR Part 302):

Chemical	CAS No.	Wt %	RQ/TPQ Lbs
NONE			

CALIFORNIA PROPOSITION 65:

This product may contain trace quantities of the following chemicals that are identified by the State of California under the Safe Drinking Water and Toxic Reinforcement Act of 1986 ("Proposition 65") as either a carcinogenic or reproductive hazard:

Chemical	CAS No.	Wt %	RQ/TPQ Lbs
NONE			

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.