

SECTION I **PRODUCT IDENTIFICATION - A9-280**

Product Name: Rust Inhibitor DOT Proper Shipping Name: Cleaning compound
Formula Type: Blended amine liquid

SECTION II **HAZARDOUS INGREDIENTS -**

Name	C.A.S. No.	%	Exposure Limit
2-Butoxy Ethanol	111-76-2	5-10	20 ppm skin PEL & TLV
Isopropyl Alcohol	67-63-0	5-10	400 ppm
Amine Salt	no CAS #	20-30	None established

SECTION III **PHYSICAL DATA**

Appearance/Odor: Clear amber/solvent odor	Solubility in Water: complete	Evaporation Rate (butyl acetate=1): = water
Specific Gravity: .876	pH: 6.4 ± .2	Vapor Pressure (mm HG): .1 @ 68° F ma
% Evaporation by Volume: > 75	Boiling Point (F°): aprx 200	Vapor Density (air=1): > 1

SECTION IV **FIRE AND EXPLOSION INFORMATION -**

Flashpoint (F°) (Method Used): 130° TOC
Extinguishing media: foam CO₂ dry chemical water fog other not applicable
Special fire fighting procedures: Use procedure proper for the primary source of the fire.
Unusual fire and explosion hazard: Containers may rupture or melt from the heat of a fire. No unusual combustion products.

SECTION V **HEALTH HAZARD DATA - PRIMARY ROUTES OF ENTRY: Eyes, skin, ingestion.**

Signs and symptoms -
Eye Contact: Can cause irritation and may injure eye tissue if eyes are not promptly washed.
Skin Contact: Frequent or prolonged contact may irritate and cause dermatitis.
Inhalation: Generally not a hazard. Excessive inhalation may cause dizziness or irritation to respiratory tract.
Ingestion: Nausea, stomach pain, irritant to mouth, throat and stomach.
Medical Conditions generally aggravated by exposure: Pre-existing skin disorders.

FIRST AID PROCEDURES -

Eye Contact: Immediately flush with cool water for 15 minutes while holding eyelids apart. If irritation develops, obtain medical attention.
Skin Contact: Immediately flush with cool water. If irritation develops, obtain medical attention. Remove and wash contaminated clothing.
Inhalation: Remove to fresh air. Obtain medical aid if symptoms persist.
Ingestion: Do NOT induce vomiting. Drink several glasses of water. Obtain medical attention. If unconscious, do not give anything to drink, and do NOT induce vomiting. Obtain immediate medical aid.

SECTION VI **REACTIVITY DATA -**

Stability: Stable
Incompatibility (materials to avoid): Acids and oxidizers
Hazardous decomposition products: none
Hazardous polymerization: will not occur.

SECTION VII **SPILL OR LEAK PROCEDURES -**

Steps to be taken in case material is released or spilled: Small spills: Mop up and rinse with water. Wear protective equipment. Large spills: Dike with earth or sand to prevent liquid from entering sewer and waterways. Salvage liquid if possible. Absorb remainder. Shovel into containers for waste disposal.
Waste disposal information: Dispose in conformance to all local, state and federal regulations. Consult local EPA if product enters waterways.

SECTION VIII **SPECIAL PROTECTION INFORMATION -**

Respiratory Protection: Not needed when used according to directions. If TLV is exceeded wear NIOSH approved respirator for organic vapors.
Ventilation: General, local.
Protective gloves: Rubber, or nitrile if there is skin contact.
Eye Protection: Goggles or splash proof glasses.
Other protective measures: Rubber boots if there is a spill.

SECTION IX **SPECIAL PRECAUTIONS -**

Handling and Storage:
Keep container closed when not in use. For industrial and institutional use only. Keep out of reach of children. Keep from freezing. Storage temperature: Ambient to 120° F. Other precautions: Wash contaminated clothing before reuse.

SECTION X **TOXICITY DATA -**

Product does not contain ingredients considered to be carcinogenic by NTP, IARC, or OSHA. 2 Butoxy Ethanol: Over exposure has apparently been found to cause the following effects in laboratory animals: anemia, liver abnormalities, kidney damage, lung damage, blood abnormalities.

SECTION XI **HAZARD RATING - 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = SEVERE**

Health: 1 Reactivity: 0 Fire: 2 Special: none

SECTION XII **REGULATORY INFORMATION -**

2-Butoxy ethanol is subject to reporting requirements of section 313 of Title III SARA.

SECTION XIII **DOCUMENTARY INFORMATION -**

Date issued: 6/16/98 Supercedes: 12/21/94 Reason for update: Section II
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