

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT NAME: RUSTLICK NON-SILICONE DEFOAMER

Defoamer for Tank-Side Use

HMIS CODES:

Health = 0

FINISHED GOODS:

Flammability = 1

1 GAL = 78640

Reactivity = 0

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ITW Rocol North America

ADDRESS : 3624 West Lake Avenue
Glenview, Illinois 60025

EMERGENCY PHONE : 800-424-9300 CHEMTREC

INFORMATION PHONE : 800-443-9536

DATE PREPARED : 12/16/03

NAME OF PREPARER : Leroy Hitchcock

SUPERCEDES : 06/24/02

SECTION 2 - REPORTABLE COMPONENTS

This product contains no chemical(s) subject to the reporting requirements of OSHA's Hazard Communication Standard 1910.1200.

All components of this product are listed on TSCA.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: >200 F

SPECIFIC GRAVITY (H2O=1): 1.05

VAPOR DENSITY: (Air = 1): >1

EVAPORATION RATE: (BuAc=1): <1

COATING V.O.C.: 0.00 lb/gal

MATERIAL V.O.C.: 0.00 lb/gal

SOLUBILITY IN WATER: Appreciable

APPEARANCE AND ODOR: Creamy white liquid with bland odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 400 F

METHOD USED: OPEN CUP

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a

UPPER: n/a

EXTINGUISHING MEDIA: Water Yes, CO2 Yes, Dry chemical Yes, Foam Yes,
Alcohol foam Yes.SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear self-contained
breathing apparatus in confined areas.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SECTION 5 - REACTIVITY DATA

STABILITY: Chemically stable.

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6 - HEALTH HAZARD DATA

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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Unlikely at normal room temperatures. At elevated temperatures eye, nose and throat irritation may occur.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Slight irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Slight irritant.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Symptoms: Nausea and vomiting. Do not induce vomiting. If vomiting occurs keep head below hips to prevent aspiration of liquid into lungs. Call a physician immediately.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute: Slight irritation.

Chronic: Effects are not known.

CARCINOGENICITY: NTP CARCINOGEN: No
IARC MONOGRAPHS: No
OSHA REGULATED: No
ACGIH CARCINOGENICITY: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin disorders.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush well with water. Contact a physician if irritation persists.

SKIN: Wash with soap and water.

INHALATION: No emergency care anticipated under normal conditions.

INGESTION: Do not induce vomiting. Contact a physician. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Prevent skin and eye contact. Mop up or use absorbent material, wash area, discard in suitable containers.

WASTE DISPOSAL METHOD: Remove to a waste disposal facility operating in compliance with federal, state, and local regulations.

SHIPPING CLASSIFICATION: Non-hazardous according to IATA, 49CFR (DOT), and IMDG Regulations.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: None required at normal handling temperatures.

VENTILATION: Local exhaust is recommended for confined areas. General mechanical ventilation is adequate for normal use.

PROTECTIVE GLOVES: Chemical resistant rubber gloves, such as polyvinyl chloride-coated, and other protective gear as required to minimize skin contact.

EYE PROTECTION: Safety glasses. Splash proof goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath and safety shower.

WORK/HYGIENIC PRACTICES: Follow current H.M.I S. regulations.

SECTION 9 - DISCLAIMER

ITW ROCOL NORTH AMERICA bases the information and recommendations in this document on data believed to be correct. No warranty of any kind, however, is made as to the information in this document.

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Technical Data Sheet

Rustlick Non-Silicone Defoamer

(Revision: December 12, 2003)

APPLICATIONS

- Provides efficient defoaming for water-soluble oils, semi-synthetics, and synthetic coolants.
- Defoamer works best when applied to coolant with spray bottle; lightly mist defoamer on top of area with worst foam.
- Will not adversely affect adhesion of paint to machined parts.

MATERIALS COMPATIBILITY

- Safe for all ferrous metals.
- Safe for all non-ferrous metals.

AVAILABLE IN:

1 Gallon: 78640

AMOUNT OF ADDITIVE

- Water-Soluble Oils: 1 oz. per 30 gallons
- Semi-Synthetics: 1 oz. per 75 gallons
- Synthetics: 1 oz. per 300 gallons

HEALTH AND SAFETY

- Refer to MSDS (Material Safety Data Sheet) for complete information on health and safety.

PHYSICAL PROPERTIES

Appearance:	creamy white
pH:	7.0-8.5
Specific gravity:	1.04
Density:	8.75 lbs./gallon
Total chlorine:	0.0%
VOC level:	0.0%
Flash Point:	400°F
Boiling Point:	>200°F
Mineral Oil Content:	0.0%

For MSDS
visit our website at
www.rocolnorthamerica.com

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