

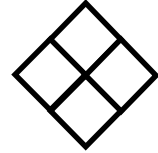
**SAFETY DATA SHEET**

**1 PRODUCT IDENTIFICATION**

**TMF CHEMICAL**

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 Chesapeake VA 23320 USA  
 Tel 1-800-949-7726  
 Internet: [www.TruckMountForums.com](http://www.TruckMountForums.com)

HAZARD RATING  
 4=EXTREME Fire  
 3=HIGH O Reactivity  
 2=MODERATE 2.1  
 1=SLIGHT Health  
 0=INSIGNIFICANT Special



CHEMICAL NAME SYNONYM MIXTURE CHEMICAL FAMILY:  
 INORGANIC SALT MIXTURE

TRADE NAME SYNONYM RUST OUT

**2 HAZARDS IDENTIFICATION**

HEALTH HAZARD DATA: GHS Classification:

 Signal word: Warning: Irritant, harmful if swallowed.

**ROUTE OF EXPOSURE**

INHALATION YES-IRRITATING TO NOSE AND THROAT  
 SKIN ABSORPTION NO  
 INGESTION YES-CAN CAUSE DISCOMFORT IF TAKEN INTERNALLY  
 SKIN CONTACT NO  
 EYE CONTACT YES-DIRECT CONTACT MAY CAUSE IRRITATION

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

MATERIAL OR COMPONENT	%	CAS NUMBER
AMMONIUM HYDROGEN FLUORIDE	1341-49-7	
LINEAR ALCOHOL ETHOXYLATE	68131-39-5	
The exact percentage (concentration) of composition has been withheld as a trade secret		

**4 FIRST AID MEASURES**

EFFECTS OF OVEREXPOSURE  
 ACUTE OVEREXPOSURE UNKNOWN  
 EFFECTS OF OVEREXPOSURE UNKNOWN  
 EMERGENCY FIRST AID PROCEDURES  
 EYES: FLUSH WITH WATER FOR 15 MINUTES SKIN: WASH WITH WATER THOROUGHLY  
 IF IRRITATION PERSISTS SEE A PHYSICIAN IF IRRITATION PERSISTS SEE A PHYSICIAN  
 INHALATION: MOVE TO FRESH AIR INGESTION: DRINK MILK OR WATER  
 IF IRRITATION PERSISTS SEE A PHYSICIAN AND SEE A PHYSICIAN  
 NOTES TO PHYSICIAN:

**5 FIRE FIGHTING MEASURES**

FLASH POINT (TOC) N/A AUTOIGNITION TEMPERATURE N/A  
 FLAMMABLE LIMITS IN AIR % BY VOL. LOWER N/A UPPER N/A  
 EXTINGUISHING MEDIA FOAM, CO2, DRY CHEMICAL, WATER FOG  
 SPECIAL FIRE FIGHTING PROCEDURES USUAL FIRE FIGHTING PROCEDURES CAN BE USED  
 UNUSUAL FIRE AND EXPLOSION HAZARD NONE KNOWN

6-ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: FLUSH WITH WATER

NEUTRALIZING CHEMICALS

WASTE DISPOSAL METHOD: WASTE MAY BE DISCHARGED INTO SANITARY SEWER AS NON-HAZARDOUS WASTE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

7 HANDLING & STORAGE

STORE IN COOL PLACE, AVOID BREATHING VAPOR; KEEP AWAY FROM EYES AND AVOID PROLONG CONTACT WITH SKIN. KEEP AWAY FROM GLASS

8 EXPOSURE CONTROL/PERSONAL PROTECTION

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT RESPIRATORY (SPECIFY IN DETAIL)

NONE NORMAL ROOM VENTILATION SHOULD BE SUFFICIENT

EYE: MONOGOGGLES SUGGESTED GLOVES: CONTACT IMPERMEABLE GLOVES SUGGESTED

OTHER CLOTHING AND EQUIPMENT AVOID BREATHING VAPOR

9: PHYSICAL DATA

BOILING POINT: 100°C MELTING POINT: ABOUT 0°C pH: 4.0-6.0

SPECIFIC GRAVITY 1.025 VAPOR PRESSURE ND

VAPOR DENSITY(AIR=1) >1 SOLUBILITY IN H2O BY WT. SOLUBLE

%VOLATILES BY WT. EVAPORATION RATE >1

(BUTYL ACETATE=1)

APPEARANCE AND ODOR WHITE WATER LIQUID WITH NO ODOR

10: STABILITY & REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY, YES INCOMPATIBILITY OXIDIZING AGENTS

HIGH TEMPERATURE OVER 125 °F ALKALIS, GLASS

HAZARDOUS DECOMPOSITION PRODUCTS YES CONDITIONS CONTRIBUTING TO NONE

MATERIAL CAN DECOMPOSE TO FORM HAZARDOUS POLYMERIZATION

HF ACID WITH WATER

11: TOXICOLOGICAL INFORMATION

NONE KNOWN

12: ECOLOGICAL INFORMATION

NONE KNOWN

13: DISPOSAL CONSIDERATIONS

IN ACCORDANCE TO APPLICABLE FEDERAL STATE AND LOCAL REGULATIONS

14: TRANSPORT INFORMATION

REFER TO BILL OF LADING OR CONTAINER LABEL

15: REGULATORY INFORMATION

USA (TSCA), CANADA (DSL)

16: OTHER INFORMATION

PRECAUTIONARY STATEMENTS WASH AFTER HANDLING AND KEEP OUT OF REACH OF CHILDREN

DISCLAIMER OF LIABILITY

One should always use chemicals with an awareness of the potential hazard (known and unknown) of their effect on the system. We urge users to minimize employee exposure to all chemicals, including this product, and to keep the level of exposure commensurate with good industrial hygiene practices.

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of this material and the results to be obtained from the use thereof.

ND-NOT DETERMINED NA-NOT APPLICABLE NE-NOT ESTABLISHED

DATE 10-10-2018 - RUST OUT