

## **RUSTGO**

### **MSDS Number**

BQWHY

### **National Stock Number**

6850-01-290-1757

### **Product Name**

RUSTGO

### **Manufacturer**

A L WILSON CHEMICAL COMPANY

### **Product Identification**

Product ID:RUSTGO

MSDS Date:10/01/1990

FSC:6850

NIIN:01-290-1757

MSDS Number: BQWHY

### **Responsible Party**

A.L.WILSON CHEMICAL COMPANY

1050 HARRISON AVENUE

KEARNY , NJ 07032

US

Emergency Phone: 201-997-3300/800-424-9300(CHEMTREC)

Info Phone: 201-997-3300

Cage: 98443

### **Contractor**

WILSON A L CHEMICAL CO

207

KEARNY, NJ 07032

US

201-997-3300

Cage: 98443

### **Ingredients**

HYDROGEN FLUORIDE (SARA III)

CAS: 7664-39-3

RTECS: MW7875000

Fraction By Weight: 12%

OSHA PEL3 PPM/6 STEL (F)

ACGIH TLV: C 3 PPM (F); 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

AMMONIUM BIFLUORIDE (SARA III)

CAS: 1341-49-7

RTECS: BQ9200000

Fraction By Weight: 16%

OSHA PEL2.5 MG F/M3

ACGIH TLV: 2.5 MG F/M3; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

## Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE- CORROSIVE/TOXIC.

INHALATION:CONCENTRATION OF "F" VAPORS OF 2 MG/M3 OR MORE MAY CAUSE DAMAGE TO LUNGS, RESPIRATORY SYSTEM & PULMONARY EDEMA. EYES:MAY CAUSE PERMANENT DAMAGE. SKIN:MAY CAUSE SEVERE BURNS WHICH MAY NOT BE IMMEDIATELY PAINFUL/VISIBLE. ORAL:MAY CAUSE THROAT BURNS & SEVERE SWELLING. CHRONIC- UNKNOWN.

Effects of Overexposure:MAY CAUSE BURNS TO TISSUES, EYE DAMAGE, PULMONARY EDEMA.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

## First Aid

First Aid:IN ALL CASES, GET MEDICAL ATTENTION IMMEDIATELY.

EYE/SKIN:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, IMMEDIATELY DRINK LARGE AMOUNT OF MILK OR MILK OF MAGNESIA IN WATER.

## Fire Fighting

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CORROSIVE HYDROGEN FLUORIDE

## Accidental Release

Spill Release Procedures:WEAR PROPER PROTECTIVE EQUIPMENT. VENTILATE AREA. STOP LEAK IF POSSIBLE. USE WATER SPRAY TO REDUCE VAPORS. COVER AREA WITH SODIUM BICARBONATE TO NEUTRALIZE ACID. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL.

Neutralizing Agent:SODIUM BICARBONATE

## Handling

Handling and Storage Precautions:STORE IN WELL-VENTILATED AREA. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:CORROSIVE AND TOXIC. DO NOT TOUCH MATERIAL. KEEP CONTAINER TIGHTLY CLOSED. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. KEEP OUT OF REACH OF CHILDREN.

## Exposure Controls

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO CONTROL VAPOR CONCENTRATIONS BELOW 20 PPM, A NIOSH-APPROVED GAS MASK OR SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).  
Protective Gloves:PVC OR NEOPRENE  
Eye Protection:SPLASH-PROOF SAFETY GOGGLES & FACESHIELD  
Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND RUBBER APRON

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health  
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A UNDER THE SAME NSN.

## Chemical Properties

HCC:C1  
Boiling Pt:B.P. Text:NOT KNOWN  
Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN  
Decomp Temp:Decomp Text:NOT KNOWN  
Vapor Pres:NOT KNOWN  
Spec Gravity: 1.1  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS LIQUID - SHARP ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG BASES, METALS  
Stability Condition to Avoid:EXCESSIVE HEAT, FIRE  
Hazardous Decomposition Products:HIGHLY CORROSIVE FLUORIDE FUMES

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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