

## **BOE ETCHANTS (BUFFERED ETCHANTS)**

### **MSDS Number**

BBDGH

### **National Stock Number**

6810-00D000739

### **Product Name**

BOE ETCHANTS (BUFFERED ETCHANTS)

### **Manufacturer**

ALLIED CHEMICAL

### **Product Identification**

Product ID:BOE ETCHANTS (BUFFERED ETCHANTS)

MSDS Date:01/01/1987

FSC:6810

NIIN:00D000739

MSDS Number: BBDGH

### **Responsible Party**

ALLIED CHEMICAL

COLUMBIA RD AND PARK AVE

MORRISTOWN , NJ 07960

US

Emergency Phone: 201-455-3073

Info Phone: 201-455-3073

Cage: 1L168

### **Contractor**

HONEYWELL INTL INC ENVIRONMENTAL SYSTEMS AND SERVICES

MORRISTOWN, NJ 07962

US

973-455-3922

Cage: 70308

### **Ingredients**

HYDROGEN FLUORIDE (SARA III)

CAS: 7664-39-3

RTECS: MW7875000

Fraction By Weight: 49.0%

OSHA PEL3 PPM/6 STEL (F)

ACGIH TLV: C 3 PPM (F); 9192

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

AMMONIUM FLUORIDE (SARA III)

CAS: 12125-01-8

RTECS: BQ6300000

Fraction By Weight: 40.0%

OSHA PEL2.5 MG F/M3

ACGIH TLV: 2.5 MG F/M3; 9192

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

## Hazards

Effects of Overexposure:INHAL:IRRIT,INJURIOUS,PULMONARY  
EDEMA;INGEST:G.I DAMAGE,FATAL;SKIN:S.BURNS;EYES:S.BURNS,BLINDNESS.

## First Aid

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF  
NEED;EYES/SKIN:FLUSH W LG AMTS H\*2O FOR 15 MIN;INGEST:RINSE MOUTH;  
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER  
SYMPTOMS OF OVEREXPOSURE.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:USE ANY MEDIA SUITABLE FOR SURROUNDING FIRES.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN CONFINED AREA.  
Unusual Fire/Explosion Hazard:MAY GENERATE HYDROGEN IN CONTACT WITH  
SOMEMETALS.THIS IS A FIRE,EXPLOSIVE,AND REACTIVE HAZARD.

## Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAINED FREE  
LIQUID AND NEUTRALIZED CAREFULLY WITH LIME OR SODA ASH.RECOVER FOR  
PROPER DISPOSAL.

## Handling

Handling and Storage Precautions:STORE ONLY IN APPROVED  
CONTAINERS,AVOID GLASS AND SOME METAL CONTAINERS.STORE BELOW 125F  
IN WELL-VENTILATED AREA.KEEP CONTAINERS TIGHTLY CLOSED.  
Other Precautions:AVOID CONTACT WITH EYES,SKIN AND CLOTHES;DO NOT  
INGEST OR INHAL VAPORS/MIST. WASH THOROUGHLY AFTER EACH USE.DO NOT  
ALLOW SMOKING.DO NOT USE CONTAMINATED CLOTHES.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVD SCBA WITH FULL  
FACEPIECE/OR FULL FACE RESP,AI  
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.  
Protective Gloves:NEOPRENE  
Eye Protection:GOGGLES/FACE SHIELD  
Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR  
PROLONGED CONTACT.  
Supplemental Safety and Health  
MSDS REVISED DATE:MAY,1982

## Chemical Properties

HCC:C1  
Boiling Pt:B.P. Text:>230C/446F  
Vapor Pres:0.4  
Vapor Density:0.7  
Spec Gravity:1.15  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS LIQUID,SHARP PENETRATING ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
GLASS,CONCRETE,AND OTHER SILICON-BEARING MATERIALS,CO\*3 S.  
Stability Condition to Avoid:NONE NOTED  
Hazardous Decomposition Products:AMMONIA GAS AND HYDROGEN FLUORIDE GAS.

## Disposal

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

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.