

A0119C000S CLEAN & ETCH

MSDS Number

BRTKJ

National Stock Number

6850-00F028436

Product Name

A0119C000S CLEAN & ETCH

Manufacturer

STEELCOTE MFG CO

Product Identification

Product ID:A0119C000S CLEAN & ETCH

MSDS Date:05/18/1989

FSC:6850

NIIN:00F028436

MSDS Number: BRTKJ

Responsible Party

STEELCOTE MFG CO

1 STEELCOTE SQ

ST LOUIS , MO 63102-2920

US

Emergency Phone: 314-771-8053

Info Phone: 314-771-8053

Preparer: BARBARA STELLER

Cage: DO668

Contractor

STEELCOTE MFG CO

ST. LOUIS,, MO 63103

US

(314) 771-8053

Cage: DO668

Ingredients

METHANOL (METHYL ALCOHOL), COLUMBIAN SPIRITS

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 10-20%

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PHOSPHORIC ACID

CAS: 7664-38-2

RTECS: TB6300000

Fraction By Weight: 44%

OSHA PEL1 MG/CUM

ACGIH TLV: 1 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

HYDROCHLORIC ACID, HYDROGEN CHLORIDE, MURIATIC ACID

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight: 10%

OSHA PEL5 PPM

ACGIH TLV: C 11 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION: NASAL & RESPIRATORY IRRITATION, FATAL. SKIN: ABSORPTION, SEVERE IRRITATION. EYES: MAY CAUSE PERMANENT DAMAGE, CHEMICAL BURNS. INGESTION: GASTRINTESTINAL IRRITATION, FATAL. OVEREXPOSURE TO METHANOL CAUSES EYE DAMAGE; MUTAGENIC.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, DEATH. SKIN/EYE: IRRITATION, BURNS. INHALATION: NAUSEA, VOMITING, DIARRHEA, BLINDNESS.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION. INGESTION: DON'T INDUCE VOMITING. SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/PLENTY OF WATER FOR 15 MIN. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:TCC

Flash Point:52F

Lower Limits:5.5%

Extinguishing Media:ALCOHOL FOAM, CO2, & DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL TURN OUT GEAR. SURROUNDING FIRE, COOL CONTAINERS W/WATER.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG GROUND/MOVED BY VENTILATION TO IGNITION SOURCES. REACTS W/METALS TO FORM HYDROGEN GAS, CAUSING FIRE/EXPLOSIONS.

Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SOURCES & PROVIDE GOOD VENTILATION. LARGE SPILL: WEAR APPROPRIATE RESPIRATORY PROTECTION. DIKE SPILL AREA, SOAK UP W/INERT ABSORBENT MATERIAL & PLACE IN CLOSED CONTAINERS FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions:ALL FIVE GALLON PAILS & LARGER METAL CONTAINERS SHOULD BE GROUNDED &/OR BONDED WHEN MATERIAL IS TRANSFERRED.

Other Precautions:PRODUCT IS CORROSIVE.

Exposure Controls

Respiratory Protection:IF EXPOSURE EXCEEDS TLV USE APPROPRIATE NIOSH-APPROVED RESPIRATORY PROTECTIVE EQUIPMENT WITHIN USE LIMITATIONS OF THESE DEVICES. IN ALL OTHER SITUATIONS USE SELF-CONTAINED BREATHING APPARATUS (SCUBA).
Ventilation:EXPLOSION PROOF LOCAL & MECHANICAL (GENERAL) EXHAUST AT POINT OF CONTAMINANT RELEASE.
Protective Gloves:IMPERVIOUS
Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD
Other Protective Equipment:EYE BATH, SAFETY SHOWER, BARRIER CREAM & PROTECTIVE CLOTHING.
Work Hygienic Practices:REMOVE/LAUNDER CLOTHING BEFORE REUSE. MAINTAIN GOOD HOUSEKEEPING. AFTER USAGE, WASH HANDS THOROUGHLY.
Supplemental Safety and Health
DISCARD CONTAMINATED LEATHER PRODUCTS.

Chemical Properties

Boiling Pt:B.P. Text:147F
Vapor Density:>1
Spec Gravity:1.3
Evaporation Rate & Reference:SLOWER THAN ETHER

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, ALKALIS, CYANIDES, METAL COMPOUNDS & REACTIVE METALS.
Stability Condition to Avoid:EXCESSIVE HEAT, IGNITION SOURCES.
Hazardous Decomposition Products:TOXIC FUMES, CO, CO2, VARIOUS HYDROCARBONS, HYDROGEN GAS & OXIDES OF PHOSPHORUS.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & 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.