

A,A,A-TRIFLUOROTOLUENE 100 UG/ML IN METHANOL, F450,S

MSDS Number

BWNDG

National Stock Number

6810-00N056359

Product Name

A,A,A-TRIFLUOROTOLUENE 100 UG/ML IN METHANOL, F450,S

Manufacturer

CHEM SERVICE INC

Product Identification

Product ID:A,A,A-TRIFLUOROTOLUENE 100 UG/ML IN METHANOL, F450,S

MSDS Date:09/01/1992

FSC:6810

NIIN:00N056359

MSDS Number: BWNDG

Responsible Party

CHEM SERVICE INC

WEST CHESTER , PA 19381

US

Emergency Phone: 215-692-3026

Info Phone: 215-692-3026

Cage: 84898

Contractor

CHEM SERVICE, INC

599

WEST CHESTER, PA 19301-9650

US

610-692-3026

Cage: 8Y898

Ingredients

TOLUENE, ALPHA, ALPHA, ALPHA-TRIFLUORO-; (IN ING 2)

CAS: 98-08-8

RTECS: XT9450000

OSHA PEL200 PPM, S

ACGIH TLV: 200 PPM;250PPMSTEL,S

METHANOL

CAS: 67-56-1

RTECS: PC1400000

OSHA PELN/K

ACGIH TLV: N/K

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ABSOLUTELY FREE OF ALL CHEMICAL ODORS.

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:LD50 (ORAL,RAT): 5628 MG/KG.

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

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

Health Hazards Acute and Chronic:CONTACT LENSES SHOULD NOT BE WORN IN LABORATORY. ALL CHEMICALS SHOULD BE CONSIDERED HAZARDOUS-AVOID DIRECT PHYSICAL CONTACT! METHYL ALCOHOL: MAY BE FATAL IF ABSORBED THROUGH SKIN! MAY BE FATAL IF INHALED! MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. REPEATED EXPOSURE TO VAPORS AND/OR DUST CAN CAUSE (EFFECTS OF OVEREXPOSURE)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HEALTH HAZARDS: EYE INJURY. CAN CAUSE GASTRO-INTESTINAL DISTURBANCES. EXPOSURE CAN CAUSE LIVER DAMAGE. EXPOSURE CAN CAUSE KIDNEY DAMAGE. CAN CAUSE CARDIOVASCULAR SYSTEM INJURY. CAN CAUSE CONVULSIONS.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:AN ANTIDOTE IS SUBSTANCE INTENDED TO COUNTERACT EFFECT OF POISON.IT SHOULD BE ADMINISTERED ONLY BY PHYSICIAN/TRAINED EMERGENCY PERSONNEL. MEDICAL ADVICE CAN BE OBTAINED FROM POISON CONTROL CENTER. EYE:FLUSH CONTINUOUSLY WITH WATER FOR AT LEAST 15-20 MINUTES.SKIN: FLUSH WITH WATER FOR 15-20 MINUTES. IF NO BURNS HAVE OCCURRED-USE SOAP & WATER TO CLEANSE SKIN. INHALATION: REMOVE PATIENT TO FRESH AIR. ADMINISTER OXYGEN IF PATIENT IS HAVING DIFFICULTY BREATHING.(SUPPLEMENTAL)

Fire Fighting

Flash Point:51.8F,11C

Lower Limits:6.7%

Upper Limits:36%

Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL POWDER. DO NOT USE WATER!

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:EVACUATE AREA. WEAR APPROPRIATE OSHA REGULATED EQUIPMENT. VENTILATE AREA. ABSORB ON VERMICULITE OR SIMILAR MATERIAL. SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED SURFACES TO REMOVE ANY RESIDUES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID CONTACT WITH SKIN, EYES AND CLOTHING. KEEP TIGHTLY CLOSED IN COOL DRY PLACE. STORE ONLY WITH COMPATIBLE CHEMICALS.

Other Precautions:PRODUCT IS FURNISHED FOR LABORATORY USE ONLY! OUR PRODUCTS MAY NOT BE USED AS DRUGS, COSMETICS, AGRICULTURAL OR PESTICIDAL PRODUCTS, FOOD ADDITIVES OR AS HOUSEHOLD CHEMICALS.

Exposure Controls

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:THIS CHEMICAL SHOULD BE HANDLED ONLY IN HOOD.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MATERIALS TO AVOID: INCOMPATIBLE WITH/STRONG REDUCING AGENTS. INCOMPATIBLE WITH/ACTIVE

METALS (E.G. SODIUM). FIRST AID PROCS: IF PATIENT HAS STOPPED BRTHG ADMIN ARTF RESPS. IF PATIENT IS IN CARD ARREST ADMIN CPR. CONTI NUE LIFE SUPPORTING MEASURES UNTIL MED ASSIST HAS ARRIVED. GET MED ATTN IF NEC.DO NOT WEAR SHOES/CLTHG UNTIL (ING 3)

Chemical Properties

Boiling Pt:B.P. Text:148F,65C

Melt/Freeze Pt:M.P/F.P Text:-144F,-98C

Vapor Pres:97 @ 20C

Vapor Density:1.11

Spec Gravity:0.791

Solubility in Water:MISCIBLE

Appearance and Odor:COLORLESS LIQUID.

Stability

Stability Indicator/Materials to Avoid:YES

HYGROSCOPIC. INCOMPAT W/STRONG ACIDS.REACTS W/ACID HALIDES &

ANHYDRIDES. INCOMPAT W/STRONG OXIDIZING AGENTS. (SUPDAT)

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:DECOMPOSITION LIBERATES TOXIC FUMES.

Disposal

Waste Disposal Methods:BURN IN CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS .

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