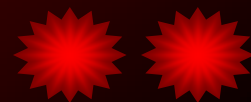


Hazardous Materials



Hazardous Materials

- The Hazardous Communication Standard requires a Material Safety Data Sheet (MSDS) for chemicals. Employers must provide an MSDS for every hazardous chemical in the workplace.



MSDS

Product Number 346136
Product Name Ether, 99+%, anhydrous A.C.S. reagent

Expiration / Pricing of Analysis Valid 08/2002 - 10/2002

S Aldrich Chemical Co., Inc.
1001 West St. Paul
Milwaukee, WI 53233 USA
Tel: 414-273-3850

Quote
Scientist

MATERIAL SAFETY DATA SHEET

SECTION 1. - - - - - CHEMICAL IDENTIFICATION - - - - -
CATALOG #: 346136
NAME: ETHER, ANHYDROUS, 99+%, A.C.S. REAGENT

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -
CAS #: 60-29-7
MP: C4H100
EC NO: 200-467-2

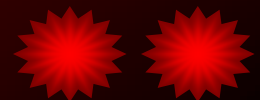
SYNONYMS
AETHER * ANAESTHETIC ETHER * ANESTHESIA ETHER * ANESTHETIC ETHER *
DIAETHYLAEETHER (GERMAN) * DIETHYL ETHER (DOT:OSHA) * DIETHYL OXIDE *
DWOETYLOMY ETHER (POLISH) * ETERE ETILICO (ITALIAN) * ETHER * ETHER
ETHYLICOE (FRENCH) * ETHOXYETHANE * ETHYL ETHER (ACGIH:OSHA) * OXYDE
D'ETHYLE (FRENCH) * RCRA WASTE NUMBER U117 * SOLVENT ETHER *

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -
LABEL PRECAUTIONARY STATEMENTS
FLAMMABLE (USA)
EXTREMELY FLAMMABLE (EU)
TOXIC (USA)
HARMFUL (EU)
EXTREMELY FLAMMABLE.
MAY FORM EXPLOSIVE PEROXIDES.
HARMFUL IF SWALLOWED.
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.
VAPORS MAY CAUSE DROWSINESS AND DIZZINESS.
TARGET ORGAN(S):
CENTRAL NERVOUS SYSTEM
KIDNEYS
CAUSES IRRITATION.
LIVER
KEEP CONTAINER IN A WELL-VENTILATED PLACE.
KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING.
DO NOT EMPTY INTO DRAINS.
TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
AIR SENSITIVE
HEAT-SENSITIVE
LIGHT SENSITIVE

SECTION 4. - - - - - FIRST-AID MEASURES - - - - -
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS

<http://info.sial.com/cgi-bin/gx.cgi/Applogics+MS...Aldrich&Name=&UserName=TXSkydiver&CntryName=USA> (1 of 5) [08/21/2002 7:42:03 AM]

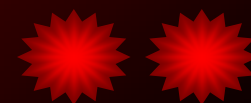
- Each MSDS will tell you
 - Properties or fast acting health effects that make the material dangerous
 - Level of protective gear needed
 - First aid treatment



Chemical Information



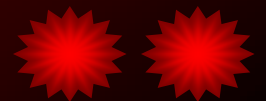
- Basic information about chemical
- Pictures to illustrate needed equipment
- Warnings and additional information



Personal Protective Equipment



- Reduces the possible exposure to chemicals
- PPE includes
 - Gloves
 - Gowns
 - Goggles or safety glasses
 - Masks and face shields
 - Boots



Large Exposures

- If a large spill occurs, the hospital's emergency response team will respond.
- The fire department may be contacted to assist with assessment and evacuation.
- An independent contractor will be contacted for clean up.



The end

