

SAFETY DATA SHEET

Creation Date 15-Apr-2009

Revision Date 25-Apr-2019

Revision Number 4

1. Identification

Product Name Diethyl ether

Cat No. : AC615080000, AC615080010, AC615080040, AC615080200, AC615085000

CAS-No 60-29-7
Synonyms Ethyl ether; Ether

Recommended Use Laboratory chemicals.
Uses advised against Food, drug, pesticide or biocidal product use.
Details of the supplier of the safety data sheet

Company

Fisher Scientific
One Reagent Lane
Fair Lawn, NJ 07410
Tel: (201) i 96-7100mber

Emergency Telephone Number

For information **US** call: 001-800-ACROS-01 / **Europe** call: +32 14 57 52 11
Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99
CHEMTREC Tel. No.**US**:001-800-424-9300 / **Europe**:001-703-527-3887

2. Hazard(s) identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements

Signal Word
Danger

Hazard Statements

Extremely flammable liquid and vapor
Harmful if swallowed
May cause respiratory irritation
May cause drowsiness or dizziness
May be harmful if swallowed and enters airways
May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements****Prevention**

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not breathe dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/equipment

Eye Contact

Rinse immediately g āj150 0 BT /F0 200 Tj 150 0 Td(m) Tj 1(D) Tj 130 0 Td(a) Tj 100 0 TdD

7. Handling and storage

Handling

Wear personal protective equipment/face protection. Handle under an inert atmosphere. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Do not breathe mist/vapors/spray. Keep away from open flames, hot surfaces and sources of ignition. If peroxide formation is suspected, do not open or move container. Use only non-sparking tools. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded.

Storage ET Q q .20807 0 0 .20831 0 0 cm BT /F0 18 0 Td(g)

Odor Threshold	No information available
pH	No information available
Melting Point/Range	-116 °C / -176.8 °F
Boiling Point/Range	34.6 °C / 94.3 °F
Flash Point	-45 °C / -49 °F
Evaporation Rate	37.5
Flammability (solid,gas)	Not applicable
Flammability or explosive limits	
Upper	36.0 vol %
Lower	1.9 vol %

Reproductive Effects	No information available.
Developmental Effects	No information available.
Teratogenicity	No information available.
STOT - single exposure STOT - repeated exposure	Respiratory system Central nervous system (CNS) Liver
Aspiration hazard	No information available
Symptoms / effects,both acute and delayed	Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting
Endocrine Disruptor Information	No information available
Other Adverse Effects	See actual entry in RTECS for complete information.

12. Ecological information

Ecotoxicity

Do not empty into drains.

Proper Shipping Name	Diethyl ether
Hazard Class	3
Packing Group	I
IMDG/IMO	
UN-No	UN1155
Proper Shipping Name	Diethyl ether
Hazard Class	3
Packing Group	I

15. Regulatory information

United States of America Inventory

Component	CAS-No	TSCA	TSCA Inventory notification - Active/Inactive	TSCA - EPA Regulatory
-----------	--------	------	--	-----------------------

U.S. Department of Homeland Security

This product contains the following DHS chemicals:
Legend - STQs = Screening Threshold Quantities, APA = A placarded amount

Component
Ethyl ether

DHS Chemical Facility Anti-Terrorism Standard
Release STQs - 10000lb

Other International Regulations

Mexico - Grade

Severe risk, Grade 4

16. Other information

Prepared By

Regulatory Affairs
Thermo Fisher Scientific
Emain