

Material Safety Data Sheet

DI(TETRAHYDROFURYL)PROPANE

Quick Identifier

QO@2,2-DI(TETRAHYDROFURYL)PROPANE

Common Name (used on label and list)

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific requirements.

Section I

Manufacturer's Name and Address

Penn Specialty Chemicals, Inc.
3324 Chelsea Avenue
Memphis, TN 38108

Emergency Telephone Number

901-320-4092

HAZARD INFORMATION SERVICES:800-228-5635

(For Emergency Medical Information)

For Product Information and Other Calls:

Penn Specialty Chemicals, Inc.:877-895-7366

Effective: July 15, 2003

Supersedes: October 28, 1999

Section II-Hazardous Ingredients/ Identity Information

Hazardous Component(s) Chemical & Common Names(s)

2,2-Di(tetrahydrofuryl)propane

Trimer

3%max.

OSHA PEL

Not established

Not established

ACGIH TLV

Not established

Not established

CAS NO.

89686-69-1

None

Section III-Physical/Chemical Characteristics

Boiling Point

293-295°F, 145-146°C

(@60 mm Hg)

Vapor Density(Air=1)

6.3

Specific Gravity (H₂O = 1)

1.00

Vapor Pressure (mm Hg)

Not available

Solubility in Water

Slight

(0.13g/100ml @ 68°F, 20°C)

Reactivity in Water

None

Appearance and Color

Clear, colorless mobile liquid. Mild odor

Melting Point/Freezing Point

Not available

Section IV-Fire and Explosion Hazard Data

Flash Point

203°F, 95°C

Method Used

Setaflash

Flammable Limits in Air, % Volume

LEL Lower UEL Upper

0.7

6.3

Auto-Ignition temperature

374°F, 190°C

Extinguisher Media

Water spray, dry chemical, carbon dioxide, foam

Special Fire Fighting Procedures

Firefighters should have eye protection and wear self-contained breathing apparatus,

Use water spray to cool containers exposed to fire.

Unusual Fire and Explosion Hazards

See Section V below

Section V-Physical Hazards/Reactivity Data

Stability

Unstable

Stable X

Conditions to Avoid

Normally stable: Do not distill to dryness; may contain peroxides, which if heated may become explosive.

Incompatibility (Materials to Avoid)

Oxidizers.

Hazardous Decomposition Products

Combustion produces carbon dioxide and carbon monoxide.

Hazardous Polymerization May Occur

Will Not Occur X

DI(TETRAHYDROFURYL)PROPANE

Section VI - Health Hazards

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Yes No X	IARC Monographs Yes No X	OSHA Regulated Yes No X
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Signs and Symptoms

Exposure

Detectable odor

Acute Overexposure

Slightly irritating to eyes and skin

Chronic Overexposure

No data available

Emergency and First Aid Procedures for Overexposure - Obtain prompt medical attention.

Inhalation

Move to fresh air. If necessary, restore and support breathing

Eyes

Immediately flush with water for 15 minutes while lifting eyelids and rolling eyes.

Get immediate medical attention

Skin

Wash promptly with soap and water

Ingestion

Get medical help. If conscious and medical help not readily available, give water.

Section VII - Special Precautions and Spill/Leak Procedures

Precautions to be taken in Handling and Storage

Store in a cool, dry, well ventilated location. Outside or detached storage is preferred. Separate from oxidizers.

Other Precautions

Avoid skin contact. Keep containers tightly closed. No smoking or eating in handling area.

Steps to be taken in case Material is Released or Spilled

Pick up spill on sand, earth or other non-combustible, absorbent material.

Flush area with water to remove last traces.

Waste Disposal Methods (Consult Federal, State, and Local Regulations)

Dispose of in accord with regulations

Section VIII - Special Protection and Control Measures

Respiratory Protection (*Specify Type*)

NIOSH approved organic vapor air purifying respirator.

Ventilation and local exhaust required.

Eye Protection

Chemical goggles and face shield

Protective Gloves

Impervious chemical gloves

Other Protective Clothing or Equipment

Eye fountain and safety shower

Work Hygienic Practices

Avoid direct contact with 2,2-Di(tetrahydrofuryl)propane. Wash thoroughly after handling.

Transport Information:

DOT: Not regulated as a hazardous material by DOT 49 CFR.

The data contained herein is based on information currently available to Penn Specialty Chemicals, Inc., and believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which Penn Specialty Chemicals, Inc. assumes legal responsibility.