

Date: 11/17/17

I. General Information / Distributor

410 Pike Road • Huntingdon Valley, PA 19006 • Toll Free: 800.220.1966 • Phone: 267.684.1038
Fax: 215:357.2754 • sales@chemical-concepts.com • www.chemical-concepts.com

For Chemical Emergencies: Infotrac : 1-800-535-5053

II. Hazard(s) Identification

Hazard Classification

Physical Hazards

Flammable Liquids Category 2

Health Hazards

Skin Corrosion/Irritation Category 2

Toxic to Reproduction Category 2

Specific Target Organ Toxicity-
Single Exposure Category 3

Specific Target Organ Toxicity-
Repeated Exposure Category 2

Target Organs

1. Narcotic effect
2. Central nervous system

Label Elements

Hazard Symbol:



Signal Word: Danger

Hazard Statement: H225; Highly Flammable Liquid Vapor
H315; Causes skin irritation.
H336; May cause drowsiness or dizziness
H360; May damage fertility or the unborn child
H373; May cause damage to organs through prolonged repeated exposure.

Precautionary Statements

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof (electrical/ventilating/lighting) equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/clothing/eye protection face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mists. Contaminated work clothing must not be allowed out of workplace.

Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several Minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

IF SWALLOWED: Immediately call a **POISON CENTER/ DOCTOR.** Rinse mouth. Do NOT induce vomiting.

Storage: Store in well-ventilated place. Keep Cool. Store locked up. Keep container tightly closed.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not Static accumulating flammable liquid can become

Result in GHS classification: electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

III Composition / Information on Ingredients

Mixtures

Chemical Identity	CAS#	% Content	PEL	TLV	UNIT	SPECIAL NOTES
(PART A & B) Toluene	108-88-3	84	200	100	PPM	Hazardous
(PART B ONLY) Dibutyl Tin Bis-2-Ethyl	2781-10-4	<0.5	0.1	0.1	MG/M3	Hazardous
(PART B ONLY) Hexonate						

Chemical Family

(PART A ONLY)	Polysiloxane and Aromatic Hydrocarbon
(PART B ONLY)	Catalyst Solution

Formula

Proprietary
NA

IV Physical Properties

Boiling Point	230°F
Specific Gravity (Water=1)	0.91 5
Vapor Pressure (mmHg @ 53F)	53
Vapor Density (air = 1)	3.17
Solubility	Insoluble in water, Soluble in Toluene
Evaporation Rate (butyl acetate=1)	2.1 (PART A) 2.0 (PART B)
Volatiles	84% by volume (PART A) 99% by volume (PART B)
Viscosity @ 77°F	1 CST
Color	Clear Liquid

V Fire and Explosion Information

Flash Point	43°F (Method – T.C.C)
Flammable Limits in Air	LEL 1.0 UEL 7.0
Extinguishing Agents	Dry Chemical, Foam, Sand or CO2

Special Fire Fighting Procedures: Use self contained breathing apparatus and protective Clothing.

General Fire Hazard: Do not use water jet as an extinguisher, as this will spread fire. Use water spray to keep fire exposed containers cool.

Suitable Extinguishing Media: All standard extinguishing agents are suitable.

Specific hazards arising from Vapors are flammable and heavier than air. **Vapors the chemical:** May travel across the ground and reach remote ignition sources causing a flashback fire danger.

VI Accidental Release Measures

Personal Precautions : Avoid contact with eyes, skin, and clothing. Keep out of reach of children. Containment and

Cleaning: Wear proper protective equipment as specified in the protective equipment section.

Wipe, scrape or soak up in an inert material and put in a container intended for flammable materials for disposal.

Environment Precautions: Avoid discharge into drains, water courses or onto the Ground.

VII Handling and Storage

Precautions for safe handling:

Sensitivity to static discharge is expected; material has a flashpoint below 200F. Do not breathe vapor/spray. Do not taste or swallow. Avoid contact with eyes, skin and clothing. Wash hands after handling.

Conditions for safe storage:

Use only in a well ventilated area. Flammable. Keep away from heat, sparks and open flame. Keep container closed. Store in original container. Use ground strap; store upright in cool place(below 30°C). Keep container closed.

VIII Personal Protection

Individual protection measures, such as personal protective equipment

General information:

General room ventilation is expected to be satisfactory.

Eye/face protection:

Wear approved safety goggles. Face shield.

Skin/hand protection:

Chemical resistant gloves Protective clothing.

Respiratory Protection:

NIOSH/MSHA approved respiratory protection should be worn in accordance to OSHA regulations. (see 29CFR 1910.134).

IX Physical and Chemical Properties

Appearance

Physical State:

liquid

Form:

liquid

Color:

Colorless

Odor:

Aromatic

Odor threshold:

No data available

PH:

No data available

Melting point/freezing point:

No data available

Evaporation Rate:

No data available

Flash Point:

No data available

Flammability (solid, gas) No data available

Vapor Pressure:

No data available

VOC:

No data available

X Reactivity Data

Reactivity:

No data available

Stability:

This material is chemically stable

Materials to avoid:

Avoid contact with oxidizing agents or acidic or basic material. Avoid heat and ignition sources.

Hazardous Decomposition Products:

CO, CO₂, Silicone Dioxide and Hydrogen

Hazardous Polymerization:

Will not occur

XI Toxicological Information

Inhalation:

No data available

Ingestion:

No data available

Skin Contact:

No data available

Eye Contact:

No data available

US. OSHA Specifically Regulated Substances (29 CFR 1910.1000)
Requires a TWA of 100PPM and STEL of 150PPM

XII Ecological Information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish Product: No data available

Specified Substance:
Toluene

LCO (Leuciscus idus, 48 h): 52mg/l
LC50 (Leuciscus idus,48 h): 70mg/l
LC50 (Pimephales promelas, 96 h) 34 mg/l

Persistence and Degradability

Biodegradation Product: No data available

Mobility in soil: No data available

XIII Accidental Release and Disposal

Accidental Release:

Evacuate the area of unprotected personnel. Use personal Protection to minimize exposure. Minimize spread of material by using a dike, absorbent material or other method to contain material. Scrape, sweep or wipe up material and place in appropriate containers for disposal. All federal, state and local laws concerning the reporting of leaks and spills.

Disposal:

The generation of waste should be avoided or minimized Wherever possible. Disposal should be made in accordance With federal, state and local regulations.

Contaminated Packaging:

Dispose of as unused product.

XIV Transportation Data

Regulated by D.O.T:

Yes

D.O.T. Shipping Name:

Flammable Liquid UN1294

D.O.T Hazard Class:

3

Packing Group:

II

HMIS Hazard ID

Hazard Rating:

- 0-Minimal,
- 1-Slight,
- 2-Moderate,
- 3-Serious,
- 4-Severe,
- RNP-Rating not possible,
- *Chronic Health effect.



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