



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Dibutyl Squarate (Liquid)

30-1419

Section 1: Identification

Product Name Dibutyl Squarate (Liquid)
Commercial Name Not available.
Product Use Not available.
Restrictions On Use Not available.

Product Code 30-1419

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available.
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Dibutyl Squarate
% By Weight 100
CAS# 2892-62-8
Molecular Weight 226.27 g/mole
Chemical Formula C₁₂H₁₈O₄
Synonym(s) 3,4-Di-n-butoxy-3-cyclobutene-1,2-ione

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Dibutyl Squarate	2892-62-8	100	Not available.	Not available.



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Section 4: First-Aid Measures

Inhalation	Not available
Skin Contact	Wash skin with soap and water.
Eye Contact	Flush eyes thoroughly with water for at least 15 minutes.
Ingestion	If swallowed, induce vomiting - see a physician immediately.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	
Not available.	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media
Water fog, foam, dry chemical, CO2
Unsuitable Extinguishing Media
Not available
Products of Combustion
Not available
Firefighters Special Equipment and Precautions
Wear self- contained breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

If material is spoiled or released: Ventilate area thoroughly. Absorb spills on sand or similar materials and remove to disposal area. Waste disposal method: Incinerate or landfill according to state, federal and local laws.

Section 7: Handling and Storage

Avoid contact with skin and eyes. Avoid inhalation of fumes. Use only with adequate ventilation. Wash thoroughly after handling and before eating or smoking. Store in dry location away from moisture.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available
Personal Protection	NIOSH/MSHA approved respirator Safety glasses Protective gloves. Use a well-ventilated hood.

Section 9: Physical and Chemical Properties

Appearance	liquid.		
Odor	Not available		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	138-141 C at 0.3 mm.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Insoluble in water		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable when stored in cool, dry place away from strong light and tightly sealed.
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Not available
Incompatible Materials	Acids, oxidizing material or heating to decomposition.
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information**RTECS** Not available.**Acute Toxicity**

Not available

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Not available

Symptoms Related to Exposure

Not available.



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Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information

Ecotoxicity

Not available

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations

Waste Disposal

Not available

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information

DOT Classification

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations

Not available

Other

Not available.

Section 16: Other Information

Not available.