



Safety Data Sheet

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

PCCA, DMAE Complex, 38% W/V

50-3685

Section 1: Identification

Product Name PCCA, DMAE Complex, 38% W/V

Commercial Name Not available.

Product Use Not available.

Restrictions On Use Not available.

Product Code 50-3685

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 WARNING

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 Mixture

Components Glycolic Acid and Dimethylaminoethanol Liquid

% By Weight 50-70 and 20-40

CAS# 79-14-1 and 108-01-0

Molecular Weight Not available.

Chemical Formula Not available.

Synonym(s) Not available.

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Glycolic Acid	79-14-1	50-70		
Dimethylaminoethanol Liquid	108-01-0	20-40		



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Section 4: First-Aid Measures

Inhalation	Remove person to fresh air. If necessary, use artificial respiration to support vital functions.
Skin Contact	Immediately begin flushing skin continuously for a minimum of 15 minutes. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Seek immediate medical attention if adverse effects occur.
Eye Contact	Immediately flush eyes with copious amounts of water continuously for a minimum of 15 minutes. Seek immediate medical attention if adverse affects occur.
Ingestion	DO NOT attempt to induce vomiting. Have the individual rinse mouth with water thoroughly. NEVER give anything by mouth to an unconscious person. Call a physician or you local Poison Control Center.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Dry chemical, alcohol foam, water spray or fog. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Not determined.

Firefighters Special Equipment and Precautions

Not available.

Section 6: Accidental Release Measures

Keep away from heat and sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Discard any product, residue, disposable container or liner in full compliance with federal, state and local regulations.

Section 7: Handling and Storage

Keep away from heat and sources of ignition. Ground all equipment containing material. Do not ingest. Avoid breathing gas/fumes/vapor/spray from product. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Store containers in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limits outlined in the MSDS.
Personal Protection	Splash goggles or safety glasses. Emergency eye wash stations and showers should be available within the work area. Wear chemical resistant gloves for routine industrial use. Use body protection appropriate for task. An apron or other impermeable body protection is suggested. Full-body chemical protective clothing is recommended for emergency response procedures. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29 CFR1910, 134), applicable U.S. State regulations, or the Canadian CSA Standard Z94.4-93 and applicable standards of Canadian Provinces. Oxygen levels below 19.5 % are considered IDLH by OSHA. In such atmospheres, use of a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under OHSA's Respiratory Protection Standard (1910.134-1998).

Section 9: Physical and Chemical Properties

Appearance	Clear to light yellow liquid.		
Odor	None.		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	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 determined.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Soluble.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	The product stable.
Hazardous Polymerization	Hazardous polymerization will not occur.
Conditions to Avoid	Incompatible materials, heat, sources of ignition.
Incompatible Materials	Strong oxidizers and alkalis.
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information

RTECS Not available.

Acute Toxicity

For Glycolic Acid: Acute oral toxicity (LD50): 2743 mg/kg (Guinea pig) (Calculated value for the mixture). May cause adverse reproductive effects (fetotoxicity and developmental abnormalities) according to animal studies. For Dimethylaminoethanol Liquid: Oral LD50: Acute: 2000mg/kg (Rat). Dermal LD50 : Acute: 1370mg/kg (Rabbit). Vapor LC50: Acute: 891.4ppm 4 hours (Mouse). 1641ppm 4 hours (Rat).

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.

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Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Not determined.

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**

Whatever cannot be saved for recovery should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Proper shipping name: Corrosive liquid, n.o.s. (Glycolic acid, 2-Dimethylaminoethanol) Hazard Class: 8 ID Number: UN 2051
Packing Group: II

Section 15: Regulatory Information**Regulations**

Not available.

Other

Not available.

Section 16: Other Information

Not available.