Safety Data Sheet

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

Section 1: Identification

Product Name PCCA COPPER PEPTIDE CREAM
Commercial Name N/A
Product Use COSMETIC USE
Restrictions On Use N/A

Product Code 30-5290

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: CFR 1910.1200 N/A

Signal Word NON-HAZARDOUS

Hazard Statement(s) N/A

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention N/A
Response N/A
Storage N/A
Disposal N/A

Section 3: Composition/Information on Ingredients

Substance/Mixture MIXTURE
Components SEE MIXTURE BELOW
% By Weight N/A
CAS# N/A
Molecular Weight N/A
Chemical Formula N/A
Synonym(s) N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Decamethylcyclopentasiloxane	541-02-6			
Dodecane	112-40-3			
Fatty acids, C8-10, C12-18-alkyl esters	95912-86-0			
Bis(hexadecyl) phosphate	2197-63-9			
Polyethylene glycol hexadecyl ether phosphate	50643-20-4			
2-Phenoxyethanol	122-99-6			
1,2-Propanediol, 3-[(2-ethylhexyl)oxy]-	70445-33-9			
Sodium hydroxide	1310-73-2			

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Section 4: First-Aid Measures

Inhalation If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact After contact with skin, wash immediately with plenty of water and soap.

Eye Contact Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Ingestion Get immediate medical attention.

Symptoms/Effects

Acute Symptoms/effects after inhalation : May cause respiratory irritation. Symptoms/effects after skin contact : May cause irritation. Symptoms/effects after eye contact : May cause irritation. Symptoms/effects after ingestion : May be harmful if swallowed.

Delayed N/A

Immediate Medical Attention

N/A

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media

N/A

Products of Combustion

N/A

Firefighters Special Equipment and Precautions

N/A

Section 6: Accidental Release Measures

Stop the flow of material, if this is without risk. Methods for cleaning up : Confine spill and soak up with absorbent. Place in an approved container and dispose in accordance with local, state and federal regulations.

Section 7: Handling and Storage

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Store in a dry, cool and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits Sodium hydroxide (1310-73-2) USA - ACGIH - Occupational Exposure Limits ACGIH® TLV® C 2 mg/m³ USA - OSHA - Occupational Exposure Limits OSHA PEL TWA 2 mg/m³ USA - IDLH - Occupational Exposure Limits IDLH 10 mg/m³ USA - NIOSH - Occupational Exposure Limits NIOSH REL C 2 mg/m³ Decamethylcyclopentasiloxane (541-02-6) USA - AIHA - Occupational Exposure Limits WEEL TWA 10 ppm

Engineering Controls General (mechanical) room ventilation is expected to be satisfactory for normal handling.

Personal Protection Hand protection: Wear protective gloves to minimize skin exposure. Eye protection: Wear safety glasses. Skin and body protection: Wear suitable working clothes. Respiratory protection: If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

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Section 9: Physical and Chemical Properties

Appearance	LIQUID, LIGHT BLUE
Odor	CHARACTERISTIC
Odor Threshold	N/A

Melting Point	N/A	**pH**	6.01
Freezing Point	N/A	**Vapor Pressure**	N/A
Boiling Point/Range	N/A	**Vapor Density**	N/A
Decomposition temperature	N/A	**Viscosity**	8100cps
Partition Coefficient: n-octanol/water	N/A	**Evaporation Rate**	N/A
Flash Point	N/A	**Autoignition temperature**	N/A
Flammability	N/A	**Flammability or Explosive Limits:**	
		Lower	N/A
		Upper	N/A

Solubility(ies)	N/A
Other	N/A

Section 10: Stability and Reactivity

Reactivity	N/A
Chemical Stability	The product is stable at normal handling and storage conditions.
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Extremely high or low temperatures.
Incompatible Materials	Not determined
Hazardous Decomposition Products	Not determined

Section 11: Toxicological Information

RTECS N/A

Acute Toxicity

Toxicological information 11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified Sodium hydroxide (1310-73-2) LD50 oral rat 140 – 340 mg/kg LD50 dermal rabbit 1350 mg/kg ATE US (dermal) 1350 mg/kg Decamethylcyclopentasiloxane (541-02-6) LD50 oral rat > 24134 mg/kg 2-Phenoxyethanol (122-99-6) LD50 oral rat 1260 mg/kg LD50 dermal rabbit 5 ml/kg ATE US (oral) 1260 mg/kg ATE US (dermal) 14422 mg/kg

Skin Corrosion/Irritation

N/A

Serious Eye Damage/Irritation

N/A

Respiratory or Skin Sensitization

N/A

Germ Cell Mutagenicity

N/A

Carcinogenicity

N/A

Reproductive Toxicity

N/A

Routes of Entry
N/A

Symptoms Related to Exposure
N/A

Potential Health Effects
N/A

Target Organ(s) N/A

Section 12: Ecological Information

Ecotoxicity
Sodium hydroxide (1310-73-2) LC50 - Fish [1] 45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) 2-Phenoxyethanol (122-99-6) LC50 - Fish [1] 337 – 352 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) EC50 - Crustacea [1] > 500 mg/l (Exposure time: 48 h - Species: Daphnia magna) LC50 - Fish [2] 366 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) EC50 72h - Algae [1] > 500 mg/l (Species: Desmodesmus subspicatus)

Persistance and Degradability
PCCA Copper Peptide Cream Persistence and degradability Rapidly degradable Sodium hydroxide (1310-73-2) Persistence and degradability Rapidly degradable Bis(hexadecyl) phosphate (2197-63-9) Persistence and degradability Rapidly degradable Polyethylene glycol hexadecyl ether phosphate (50643-20-4) Persistence and degradability Rapidly degradable Dodecane (112-40-3) Persistence and degradability Rapidly degradable Fatty acids, C8-10, C12-18-alkyl esters (95912-86-0) Persistence and degradability Rapidly degradable Decamethylcyclopentasiloxane (541-02-6) Persistence and degradability Rapidly degradable 2-Phenoxyethanol (122-99-6) Persistence and degradability Rapidly degradable 1,2-Propanediol, 3-[(2-ethylhexyl)oxy]- (70445-33-9) Persistence and degradability Rapidly degradable 12.3. Bioaccumulative potential 2-Phenoxyethanol (122-99-6) Partition coefficient n-octanol/water (Log Pow) 1.13 (at 25 °C)

Bioaccumulative Potential
2-Phenoxyethanol (122-99-6) Partition coefficient n-octanol/water (Log Pow) 1.13 (at 25 °C)

Mobility in Soil
No additional information available

Other Adverse Effects
No additional information available

Section 13: Disposal Considerations

Waste Disposal
Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposal of Container
N/A

Other Considerations
N/A

Section 14: Transport Information

DOT Classification
In accordance with DOT / TDG / IMDG / IATA UN number UN-No. (DOT) : Not applicable UN-No. (TDG) : Not applicable UN-No. (IMDG) : Not applicable UN-No. (IATA) : Not applicable 14.2. UN proper shipping name Proper Shipping Name (DOT) : Not applicable Proper Shipping Name (TDG) : Not applicable Proper Shipping Name (IMDG) : Not applicable Proper Shipping Name (IATA) : Not applicable 14.3. Transport hazard class(es) DOT Transport hazard class(es) (DOT) : Not applicable TDG Transport hazard class(es) (TDG) : Not applicable IMDG Transport hazard class(es) (IMDG) : Not applicable IATA Transport hazard class(es) (IATA) : Not applicable 14.4. Packing group Packing group (DOT) : Not applicable Packing group (TDG) : Not applicable Packing group (IMDG) : Not applicable Packing group (IATA) : Not applicable 14.5. Environmental hazards Other information : No supplementary information available. 14.6. Special precautions for user DOT Not applicable TDG Not applicable IMDG Not applicable IATA Not applicable 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

Section 15: Regulatory Information

Regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA): Name CAS-No. Listing Commercial status Flags Sodium hydroxide 1310-73-2 Present Active Bis(hexadecyl) phosphate 2197-63-9 Present Active Polyethylene glycol hexadecyl ether phosphate 50643-20-4 Not present - Dodecane 112-40-3 Not present - Fatty acids, C8-10, C12-18-alkyl esters 95912-86-0 Not present - Decamethylcyclopentasiloxane 541-02-6 Present Active 2-Phenoxyethanol 122-99-6 Present Active 1,2-Propanediol, 3-[(2-ethylhexyl)oxy]- 70445-33-9 Not present - Sodium hydroxide (1310-73-2) CERCLA RQ 1000 lb 15.2. US State regulations Component State or local regulations Sodium hydroxide(1310-73-2) U.S. - Massachusetts - Right To Know List; U.S. - Minnesota - Hazardous Substance List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

Other

N/A

Section 16: Other Information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.