

**Safety Data Sheet**

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

Section 1: Identification**Product Name** Hydrolyzed Hyaluronic Acid**Commercial Name** Hyacare 50**Product Use** Not available.**Restrictions On Use** Not available.**Product Code** 30-4301**Company** PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300**Section 2: Hazard(s) Identification****OSHA Haz Com:** Acute toxicity (Oral) Category 4**CFR 1910.1200****Signal Word** WARNING**Hazard Statement(s)** Harmful if swallowed.**Pictogram(s) or Symbol(s)****Precautionary Statement(s):****Prevention** Not available.**Response** Get medical advice/attention IF SWALLOWED:rinse mouth. DO NOT induce vomiting**Storage** Not available.**Disposal** Not available.**Section 3: Composition/Information on Ingredients****Substance/Mixture** Substance**Components** Hyaluronic acid, salts**% By Weight** 100**CAS#** 9004-61-9**Molecular Weight** Not available.**Chemical Formula** Not available.**Synonym(s)** Not available.**Mixtures**

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Hyaluronic acid, salts	N/A	>75-<=100	N/A	N/A

Section 4: First-Aid Measures

Inhalation	Ensure supply of fresh air. In the event of symptoms take medical treatment.
Skin Contact	In case of contact with skin, wash off with soap and water. Consult a doctor if skin irritation persists.
Eye Contact	In case of contact with eyes, rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.
Ingestion	Rinse out mouth and give plenty of water to drink. Summon a doctor immediately.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
Treat symptomatically	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Media: Foam, carbon dioxide, dry powder, water spray.

Unsuitable Extinguishing Media

Full water jet.

Products of Combustion

In the event of fire the following can be released: carbon dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded.

Firefighters Special Equipment and Precautions

Do not inhale explosion and/or combustion gases, self-contained breathing apparatus.

Section 6: Accidental Release Measures

Pick up mechanically and dispose of safely according to information given in this material safety data sheet. Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil.

Section 7: Handling and Storage

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Ensure adequate ventilation. Avoid the formation and deposition of dust. Do not eat, drink or smoke when working. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately. Keep container tightly closed and dry in a cool, well-ventilated place. Protect from freezing. Do not store < 4 degree C max. store temperature: 8 degree C

Section 8: Exposure Controls/Personal Protection

Exposure Limits	None of the components have assigned exposure limits. Hazardous components without workplace control parameters.
Engineering Controls	Not available.
Personal Protection	Goggles with side pieces. PVC gloves. Light protective clothing. In case of formation of vapours/dusts: short term: filter apparatus, Filter P1. Do not eat, drink or smoke when working. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.

Section 9: Physical and Chemical Properties

Appearance	White to brownish powder.		
Odor	Slight, specific.		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	4.5-8.5 at 5 g/l water at 22 °C
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 applicable.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	100 g/l at 22 °C in water		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	the product is stable under normal conditions.
Hazardous Polymerization	Hazardous Reactions: Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.
Conditions to Avoid	To avoid thermal decomposition, do not overheat.
Incompatible Materials	Not available.
Hazardous Decomposition Products	Hazardous decomposition products will not form with proper storage and handling.

Section 11: Toxicological Information

RTECS	Not available.
Acute Toxicity	
LD50 Rat: 1,200 mg/kg	Note: Harmful if swallowed.
Skin Corrosion/Irritation	
No harmful effects have been reported upon contact with skin.	
Serious Eye Damage/Irritation	
No harmful effects have been reported upon contact with the eyes.	
Respiratory or Skin Sensitization	
No harmful effects have been reported upon inhalation.	
Germ Cell Mutagenicity	
Not available.	
Carcinogenicity	
Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.	
Reproductive Toxicity	
Not available.	
Routes of Entry	
Oral.	

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Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available.

Target Organ(s) Digestive system.**Section 12: Ecological Information****Ecotoxicity**

Do not allow to enter soil, waterways or waste water canal.

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**

Dispose of in accordance with local authority regulations. If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards. In accordance with local authority regulations, take to special disposal requirements waste incineration plant

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Not regulated.

Section 15: Regulatory Information**Regulations**

United States SARA Section 311/312: Fire - No. Pressure generating - No. Reactivity - No. Acute - No. Chronic - No. SARA Sections: Section 313 Notification: No. This product contains no SARA Title III, Section 313 listed chemicals. Notification Status: TSCA Notification: No. All components of this product are not TSCA registered. California Proposition 65 Statement: Notification: No. This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects. Canada WHMIS Classification: Class D, Division 2, Subdivision B. This product does not contain component(s) on the WHMIS Ingredient Disclosure List. Notification Status: Canadian Environmental Protection Act. DSL. Notification: Yes. All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations. CTFA; CTFA regulation: All components of this product are INCI (PCPC) registered.

Other

HMIS Codes: Fire: 1 Health: 2 Physical Hazard: 0 Protection: X

Section 16: Other Information

While the information and recommendations contained herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon.