



Material Safety Data Sheet

1 Substance/Product Identification

- Product Name: Proextend™ E1011.
- Chemical Name: Caprylhydroxamic Acid ,1,2-Octanediol,Phenoxyethanol.
- CAS NO:7377-03-9,1117-86-8,122-99-6.
- supplier: INNO Biotechnology(Guangzhou)Co.,Ltd.
- address:Second Industrial Zone,Shapu Avenue,Xintang Town,Zengcheng District,Guangzhou City.
- E-mail contact:service@innocosme.com.
- telephone: 020-32199899.
- Date:3/2018.

2 Hazards Identification

- Signal Word: Warning
- Physical Form: Liquid.
- Summar: Primary Route(s) of Entry: Ingestion, Skin, Inhalation, and Eyes.
- eye contact: ontact causes eye irritation.
- skin contact: Contact causes skin irritation.
- information OSHA Hazardous Substance:This material is not classified as hazardous under OHSA regulations.
- Potential Health Effects:

May toxic to aquatic organisms. Target Organ Effect: Animal studies revealed the liver is a target organ at high doses; however, liver injury is not likely to occur in humans because of the very low human exposures and the differences in liver responses between some species and humans. The U.S. Food and Drug Administration have concluded lower doses are safe for human use, See Section 11.

3 Composition/Information on Ingredients

- Caprylhydroxamic Acid 1-5%, 1,2-Octanediol 2-7%, Phenoxyethanol 85-90%.

4 First Aid Measures

- Inhalation: Remove to fresh air, If breathing is difficult, give oxygen and get immediate medical attention.
- eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- skin contact: Wash off immediately with soap and plenty of water. Get medical attention if irritation occurs.
- Ingestion: Do not induce vomiting. If vomiting occurs naturally, have casually lean forward to reduce the risk of aspiration. Seek medical immediately.



5	Fire fighting measures
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- Fire Fighting Measures: Standard procedure for chemical fires.
- applicable fire extinguisher: Carbon dioxide, dry chemical, foam or water mist.
- special protecting facility for personnels: Wear self-contained breathing apparatus and protective suit.
- notice for individual: Wear self-contained breathing apparatus and protective suit.
- Hazardous Combustion: Burning may produce toxic combustion products.

6	Accidental release measures
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- Cleanup Instructions: Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Wear suitable protective equipment. Should not be released into environment.

7	Handling and Storage
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- disposal: Handling: As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.
- deposit: Keep containers tightly closed in a cool, well-ventilated place.

8	Exposure Controls/Personal Protection
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- breath protecting: Use NIOSH approved respirator as needed to mitigate exposure.
- eye protecting: Wear safety glasses or goggles to protect against dust particles.
- skin and body protecting: Wear chemical resistant gloves and protective clothing.
- engineering control: Work in well-ventilated areas.

9	Physical and Chemical property
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- substance state: colorless to light yellow liquid
- Upper Flammable Limit :Not determined.
- Lower Flammable LIMIT: Not determined.
- Autoignition Point: Not determined.
- Exploion Data: Material does not have explosive properties.
- Vapor Pressure: Not determined.
- PH @1%: 4-7.
- Specific Gravity: 1.10(20° C).
- smoke density: Not applicable.
- Water Solubility: Soluble.
- Vapor Density: Not applicable

- Freezing: -10°C

10	Stability and reaction
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- stability: Stable .
- avoiding state: Avoid static discharge .
- avoiding substance: Strong-oxidizing agents, strong acids, strong bases. Hazardous decomposition will not expected under normal storage conditions.
- Possibility of Hazardous: None expected.

11	Toxicological Information
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- Acute Oral Toxicity: > LD₅₀ 2000 mg/KG (Rats).
- Acute Dermal Toxicity: > LD₅₀ 2000 mg/KG (Rats).
- Sensitivity: Eye Irritation: (Rabbits) Irritant.
- Skin Irritation: (Rabbits) Irritant. Skin Photo toxicity (Humans): Not photo toxic by dermal route.
- Reproductive Toxicity: Rat fertility and reproduction index values over two generations were not adversely affected at 150 mg/kg/d, the highest dose given in the diet.
- PHOTO ALLERGY (HUMANS): Not a photo-sensitize by dermal route.
- Carcinogen city (IARC; NTP; OSHA; ACGIH): None of the components in this product at concentrations greater than IARC, NTP, OSHA or ACGIH as a carcinogen lists 0.1%.
- MUTAGENICITY: Not mutagenic in bacterial (Ames) assay and mouse lymphoma test (TK locus). Not clastogenic in CHO cells in vitro. Unscheduled DNA synthesis did not occur. Negative in mouse micronucleus test in vivo.
- REPRODUCTIVE TOXICITY: Rat fertility and reproduction index values over two generations were not adversely affected at 150 mg/kg/d, the highest dose given in the diet. For offspring (F1 pups), the NOEL is 50 mg/kg/d based on increased (p<0.05) body weight.
- SUBCHRONIC: The dermal NOEL in rats is 10mg/kg/d for skin effects, systemic effects did not occur at doses up to 80mg/kg/d. Oral dosing of rodents revealed NOELs of 100(rat), 75(hamster), and below 25mg/kg/d (mouse). Oral dosing resulted in NOELs of 30mg/kg/d in baboon and 25mg/kg/d in dog.
- Neurotoxicity: Not determined.
- Subacute toxicity: Not determined.
- Slow or long toxicity: Not determined.
- Absorption/Distribution/ EXCRETION/METABOLISM: Not determined.
- Additional Information: Dermal studies in animals and human volunteers did not revealed adverse systemic effects. Additional studies indicate the material does not accumulate in tissues and is readily metabolized and removed from the body.

12	Ecological Information
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- Aerobic soil showed primary biodegradation with half-life 17-35 days.
- BIOACCUMULATION: Not determined
- Algal Inhibition: Not determined
- Saltwater Fish Toxicity: Not determined

13	Disposal Considerations
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- WASTE DISPOSAL: Dispose in accordance with local, State and federal regulations

14	Transport Information
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- international transport rule : U.S. Department of Transportation (DOT): Not regulated.
- domestic transport rule: Not regulated.
- ICAO/IATA II: NOT regulated.

15	Regulatory Information
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- applicable law: FEDERAL REGULATIONS OSHA HAZARDOUS SUBSTANCE: This material is classified as non hazardous under OSHA regulations. CLEAN AIR ACT-VOLATILE ORGANIC COMPOUNDS (VOC): This product contains Volatile Organic Compounds (VOC), as defined by the U.S. Clean Air Act Section 111(40 CFR 60.489).

16	Others
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- DISCLAIMER: The information contained herein is based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to such data or information. The user is responsible for determining whether the product is suitable for its intended conditions of use.