

Safety Data Sheet

Product Name: Pickle-X

Revision Date: 3/30/19

Section 1: Product and Company Identification

Product Name: Pickle-X

General Use: Organic pickling agent of skins/hides for the taxidermy and fur dressing industries.

Restrictions on Use: Should only be used in leather tanning process.

Manufacturer/Supplier: Advanced Tanning Solutions, LLC, 6893 Joyce Street, Arvada, CO 80007
P: 303.642.3060, F: 303.648.6486

Section 2: Hazard(s) Identification

NFPA ratings (scale 0 - 4)

Health = 2
Fire = 0
Reactivity = 0
Specific hazard = NO

HMIS ratings (scale 0 – 4)

Health =3
Fire = 0
Reactivity = 0
Personal Protection = YES

Potential Health Effects

Carcinogenicity:

- IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Section 3: Composition/Information on Ingredients

A propriety blend of organic acids.

Section 4: First Aid Measures

General information:

Eye contact: Rinse opened eye(s) thoroughly for several minutes with plenty of running water. Remove contact lenses. If any symptoms persist, consult a physician. If on clothes, remove clothing and wash before reusing.

Skin contact: Wash off immediately with soap and plenty of water and consult a physician.

Inhalation: Move to fresh air. Consult a physician in case of any complaints.

Ingestion: DO NOT INDUCE VOMITING. Consult a physician. Never give anything by mouth to an unconscious person.

Section 5: Fire-Fighting Measures

Flammability: This product is not flammable and will not burn.

Suitable Extinguishing Agents: Use appropriate extinguishing media.

Unusal Fire or Explosive Hazards: Can release sulfur oxide at temperatures above 1400°F / 760°C.

Advise for Firefighters: Reacts with most metals, producing hydrogen, which is extremely flammable and may explode.

Protective Equipment: Wear self contained breathing apparatus and protective suit.

Section 6: Accidental Release Measures

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel): Use personal protective equipment.

Environmental precautions: Try to prevent the material from entering drains or water courses.

Spill Clean-up: Neutralize spill with sodium bicarbonate or soda ash. If this product is spilled and not recovered, or is recovered as a waste for treatment or disposal, the CERCLA reportable Quantity is 100 lbs. (release of an Unlisted hazardous Waste with the Characteristic of Corrosivity).

Accidental release Measures: No applicable data available.

Section 7: Handling and Storage

Precautions for safe handling: Avoid breathing dust. Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.

Information about protection against explosions and fires: N/A

Conditions for safe storage, including any incompatibilities: Store in ventilated area. Keep container lid tightly closed. Keep away from heat. Store away from strong oxidizers. Store at temperatures between 50-95°F / 10-35°C

Requirements to be met by storerooms and receptacles: See previous description (above).

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Use only with adequate ventilation.

Personal protective equipment

Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand Protection: Material: Impervious gloves.

Material: Chloroprene. Break through time: > 480 min. Glove thickness: 0.6 mm.

Eye Protection: Wear coverall chemical splash goggles.

Skin and Body Protection: Where there is potential for skin contact, have available and wear as appropriate: Complete suit protecting against chemicals.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties.

Physical State: Liquid

Appearance and Odor: Clear liquid / odorless

Odor Threshold: N/D

Vapor Pressure: N/D

Vapor Density (Air = 1): N/D

Formula Weight: Approx. 10.5 lbs. per gallon

Density: N/D

Specific Gravity: 1.25 – 1.26

pH: 1.8 – 2.0

Water Solubility: Complete

Other Solubilities: N/D

Boiling Point: 215-216°F / 101-102°C

Freezing Point: N/D

Viscosity: N/D

Refractive Index: N/D

Surface Tension: N/D

% Volatile: 46-48%

Evaporation Rate: N/D

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Strong oxidizers and active metals.

Incompatible Materials: Strong oxidizers and active metals.

Possibility of Hazardous Reactions: Could release sulfur oxide at temperatures over 1400°F /760°C.

Section 11: Toxicological Information

Eyes: Severe eye irritation, causing burning, redness, tearing and blurred vision.

Skin: Severe skin irritation, may cause burning, defatting.

Ingestion: Slightly toxic and will cause stomach and esophagus irritation.

Inhalation: May be irritating to the respiratory system.

Chronic Toxicity: Prolonged contact may cause persistent irritation or dermatitis

Carcinogenicity: Product is not listed.

Ecotoxicity Effects: None.

Chemical Fate: Will not bio accumulate.

Section 12: Ecological Information

No data available.

Section 13: Disposal Considerations

Waste Disposal Methods: Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations. May be RRA hazardous waste due to the corrosivity characteristic (pH).

Neutralization: Product can be neutralized using soda ash or powdered limestone. Neutralized residue can be swept up or rinsed down with water and captured using absorbent materials for reuse or disposal in accordance with local, state, province, and federal regulations.

Contaminated Packaging: Packaging and storage containers that cannot be thoroughly cleaned must be disposed of in accordance with local, state, province, and federal regulations.

Section 14: Transportation Information

DOT UN number: : 3265
 Proper shipping name : Corrosive liquid, acidic, organic, n.o.s.
 Class : 8
 Packing Group : II
 Labelling No. : 8

IATA UN number : 3265
 Proper shipping name : Corrosive liquid, acidic, organic, n.o.s.
 Class : 8
 Packaging group : II
 Labelling No. : 8
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IMDG/IMO UN number : 3265
 Proper shipping name : Corrosive liquid, acidic, organic, n.o.s.
 Class : 8
 Packing group : II
 Labelling No. : 8

Section 15: Regulatory information

OSHA Hazards, Skin irritant, Eye irritant.

WHMIS Classification: Corrosive liquid (organic acids)

TSCA Status: On the inventory, or in compliance with the inventory.

SARA 313 Regulated Chemicals: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Title III Hazard Classification:

Acute health Hazard:	Yes
Chronic Health Hazard:	No
Fire:	No
Reactivity/Physical Hazard:	No
Pressure:	No

US State Regulations

State specific regulations have not been determined by Advanced Tanning Solutions, LLC

Section 16: Other Information

Revision Date: 03/30/19

Disclaimer:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy him/her self as to the suitability and completeness of such information for his/her own particular use.

N/A – Not applicable
N/D – Not determined