

Safety Data Sheet

Product Name: HIDE RELAXER

Revision Date: 4/5/19

Section 1: Product and Company Identification

Product Name: Hide Relaxer

General Use: A rehydrating agent used in the Tannery and Fur Dressing industries.

Restrictions on Use: None

Manufacturer/Supplier: Advanced Tanning Solutions, LLC, 6893 Joyce Street, Unit A, Arvada, CO 80007
PH 303.513.3367, FAX 303.648.6486

Section 2: Hazard(s) Identification

HAZARD CLASSIFICATION: Can cause serious eye irritation.

NFPA ratings (scale 0 - 4)

Health = 2A
Fire = 0
Reactivity = 0
Specific hazard = None

HMIS ratings (scale 0 - 4)

Health = 2A
Fire = 0
Reactivity = 0
Personal Protection = 1

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

Chemical Characterization: Mixture

Surfactants and modified copolymers.

Proprietary formula.

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.

Skin contact: Wash off immediately with soap and plenty of water. If any symptoms persist, consult a physician. Remove contaminated clothing and wash before reusing.

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

Ingestion: Rinse mouth. If swallowed, call a physician if you feel unwell. DO NOT induce vomiting without advice from a physician.

Section 5: Fire-Fighting Measures

Flash Point: Over 300°F / 149°C.

Suitable Extinguishing Agents: Dry chemical, water, CO₂, or foam.

Unusual Fire or Explosive Hazards: None.

Advise for Firefighters: Keep people away. Isolate fire. DO NOT use direct water stream.

Protective Equipment: Wear full turn out gear and self contained breathing apparatus (SCBA).

Section 6: Accidental Release Measures

Personal precautions: Isolate area.

Protective equipment: Wear rubber gloves, rubber apron, rubber boots and goggles. Caution: material can be slippery.

Emergency procedures: None known.

Methods and material for containment and cleanup: Recover spill with any absorbant material such as sawdust, litter, or sand and dispose of according to local, state, and federal regulations. After recovery, wash with detergent and water. Caution: oily surfaces can be slippery.

Environmental Precautions: Prevent from entering soil, sewers, and waterways.

Section 7: Handling and Storage

Precautions for safe handling: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Information about protection against explosions and fires: None.

Conditions for safe storage, including any incompatibilities: None known.

Requirements to be met by storerooms and receptacles: Store containers between 60°-100°F. Keep containers sealed when not in use.

Section 8: Exposure Controls / Personal Protection

Additional information about design of technical system: No further data; see Section 7.

Control Parameters

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during creation were used as basis.

Exposure Controls

Personal Protective Equipment: Use goggles, rubber gloves, and rubber apron.

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.

Breathing equipment: Not required.

Eye/Face protection: Splash proof goggles recommended.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties.

Physical State: Slightly viscous liquid

Appearance and Odor: Light golden

Odor Threshold: Pine odor

Vapor Pressure: N/D

Vapor Density (Air = 1): N/D

Formula Weight: Approximatelt 9.4 lbs. per gallon

Density: N/D

Specific Gravity: N/D

pH: 6.8 - 7.0

Water Solubility:Soluble.

Other Solubilities: N/D

Boiling Point: N/D

Freezing Point: N/D

Viscosity: N/D

Refractive Index: N/D

Surface Tension:N/D

% Volatile: 26-29%

Evaporation Rate: N/D

Section 10: Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: DO NOT mix with strong oxidizers or strong acids.

Incompatible Materials: No information available.

Possibility of Hazardous Reactions: None under normal conditions.

Section 11: Toxicological Information

Eyes: Eye Irritation.

Skin: Skin Irritation.

Ingestion: Unknown.

Inhalation: Unknown.

Chronic Toxicity: Prolonged contact may cause persistent irritation or dermatitis.

Carcinogenicity: Product is not listed.

Ecotoxicity Effects: None known.

Chemical Fate: Material is readily biodegradable.

Section 12: Ecological Information

No data available.

Section 13: Disposal Considerations

Waste Disposal Methods: Dispose of contents/container(s) in accordance with local, state and federal regulations.

Section 14: Transportation Information

<u>DOT</u>	Not regulated as a dangerous good.
<u>ICAO</u>	Not regulated as a dangerous good.
<u>IATA</u>	Not regulated as a dangerous good.
<u>IMDG/IMO</u>	Not regulated as a dangerous good.
<u>RID</u>	Not regulated as a dangerous good.
<u>ADR</u>	Not regulated as a dangerous good.
<u>ADN</u>	Not regulated as a dangerous good.
Special Notes:	N/D

Section 15: Regulatory information

OSHA Hazards: Moderate skin irritant, eye irritant.

EPCRA – Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity. This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Chemicals in this material are subject to the reporting requirements of SARA 311/312. Acute health hazard.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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

Clean Air Act: This product does not contain any hazardous air pollutants (HAP), as defined by the U.S Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112 (r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489)

Clean Water Act: This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

US State Regulations

Massachusetts Right to Know: No components of this product are subject to the Massachusetts Right to Know Act.

Pennsylvania Right to Know: No components of this product are subject to the Pennsylvania Right to Know Act.

New Jersey Right to Know Act: No components of this product are subject to the New Jersey Right to Know Act.

California Prop 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

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Section 16: Other Information

Revision Date: 4/5/19

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 own particular use.

N/A – Not Applicable

N/D – Not Determined