

**Safety Data Sheet**

**Product Name: TanX AL-6**

Revision Date: 03/08/2019

**Section 1: Product and Company Identification**

**Product Name:** TanX AL-6

**General Use:** Aluminum based leather tanning material.

**Restrictions on Use:** Should only be used by qualified personnel knowledgeable in leather tanning.

**Manufacturer/Supplier:** Advanced Tanning Solutions, LLC, 6893 Joyce Street, Unit A, Arvada, CO 80007 Ph 303.642.3060; Fax 303.648.6486

**Section 2: Hazard(s) Identification**

***NFPA ratings (scale 0 - 4)***

*Health = 2*

*Fire = 1*

*Reactivity = 0*

**Specific hazard = NONE**

***HMIS ratings (scale 0 - 4)***

*Health = 2*

*Fire = 1*

*Reactivity = 0*

**Personal Protection = YES**

**Potential Health Effects** – Can cause skin and eye irritation

**Carcinogenicity:** NONE

**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**

An aluminum complex with cross linked buffer system.

### **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 clothes.

**Skin contact:** Wash off immediately with soap and plenty of water. If any symptoms persist, consult a physician.

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

**Ingestion:** If symptoms persist, consult a physician.

### **Section 5: Fire-Fighting Measures**

**Flash Point:** N/A

**Suitable Extinguishing Agents:** Water spray or fog for cooling exposed containers.

**Unusual Fire or Explosive Hazards:** Forms aluminum oxide, sulfur dioxide, and sulfur trioxide at temperatures above 760°C (1400°F).

**Advise for Firefighters:** Do not enter without proper protective equipment, including respiratory protection.

**Protective Equipment:** Wear full turnout gear

### **Section 6: Accidental Release Measures**

**Personal precautions:** Avoid all contact with skin, eyes, and clothing. Avoid breathing dust.

**Protective equipment:** Use appropriate personal protection equipment.

**Emergency procedures:** Evacuate unnecessary personnel.

**Methods and material for containment and cleanup:** Contain and collect as any solid.

### **Section 7: Handling and Storage**

**Precautions for safe handling:** Use proper hygiene practices. Do not eat or drink when using this product.

**Information about protection against explosions and fires:** Store in a sealed container away from any heat source between 50° - 120°F / 10° - 50°C.

**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry and well ventilated area. Keep container closed when not using. Store away from high heat or incompatible materials.

**Requirements to be met by storerooms and receptacles:** Dry, well ventilated areas.

**Further information about storage conditions:** Keep away from strong bases.

### **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:**

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

**Breathing equipment:** Respiratory masks recommended.

**Eye/Face protection:** Goggles recommended.

### **Section 9: Physical and Chemical Properties**

#### **Information on basic physical and chemical properties.**

<b>Physical State:</b> Fine granular or powder.	<b>Water Solubility:</b> Complete
<b>Appearance and Odor:</b> White to off-white powder.	<b>Other Solubilities:</b> N/A
<b>Odor Threshold:</b> N/A	<b>Boiling Point:</b> N/A
<b>Vapor Pressure:</b> N/A	<b>Freezing Point:</b> N/A
<b>Vapor Density (Air = 1):</b> N/A	<b>Viscosity:</b> N/A
<b>Formula Weight:</b> N/A	<b>Refractive Index:</b> N/A
<b>Density:</b> N/A	<b>Surface Tension:</b> N/A
<b>Specific Gravity:</b> N/A	<b>% Volatile:</b> 1.60%
<b>pH:</b> Approximately 3.5 in 10% H <sub>2</sub> O solution	<b>Evaporation Rate:</b> N/A

### **Section 10: Stability and Reactivity**

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

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** Extreme high temperatures.

**Incompatible Materials:** Strong bases.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

### **Section 11: Toxicological Information**

**Eyes:** Eye Irritation.

**Skin:** Skin Irritation.

**Ingestion:** Could be harmful or have adverse effects.

**Inhalation:** Can be irritating to respiratory tract and mouth.

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

**Carcinogenicity:** Product is not listed

**Ecotoxicity Effects:** Spills into waterways can result in hydrolysis to a mild sulfuric acid solution with pH 3.5 or above.

**Section 12: Ecological Information**

**Bioaccumulative Potential:** N/A  
**Mobility in soil:** N/A  
**Persistence and Degradability:** N/A  
**Toxicity:** Not Classified  
**Other information:** Avoid release into environment.

**Section 13: Disposal Considerations**

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

**Section 14: Transportation Information**

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

**Section 15: Regulatory information**

**OSHA Hazards:** Moderate skin irritant, moderate eye irritant.  
**WHMIS Classification:** Class D, Division 2, Subdivision B.  
**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:** No chemicals in this material are subject to the reporting requirements of SARA 311/312.

**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 SOCOMI 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.

**Section 16: Other Information**

**Revision Date:** 03/08/2019

**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