

**Safety Data Sheet**

**Product Name: FUR BLEACH CONCENTRATE**

Revision Date: 3/08/2019

**Section 1: Product and Company Identification**

**Product Name:** Fur Bleach Concentrate

**General Use:** For bleaching fur and hair on skins.

**Restrictions on Use:** For use in the Taxidermy and Fur Dressing industries.

**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**

**2.1 Classification/Ratings**

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

Health = 4  
Fire = 2  
Reactivity = 1  
Specific hazard = Oxidizer

**HMIS ratings (scale 0 – 4)**

Health = 4  
Fire = 2  
Reactivity = 1  
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.

## 2.2 Label Elements:

Labeling according to Regulation EC No 1272/2008 (CLP)

### Singal Word

**Danger**

### H-statements

|      |                               |
|------|-------------------------------|
| H272 | May intensify fire: oxidiser. |
| H302 | Harmful if swallowed.         |
| H318 | Causes serious eye damage.    |

### P-Statements

|                |  |
|----------------|--|
| P210           | Keep away from heat/sparks/open flames/hot surfaces. – No smoking.   |
| P280           | Wear protective gloves and eye protection/face protection.   |
| P310           | Immediately call a POISON CENTER or doctor/physician.  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present & easy to do. Continue rinsing. |
| P330           | Rinse mouth.   |
| P301+P312      | IF SWALLOWED: Call a POISON CENTER or doctor/physican if you feel unwell.  |

## 2.3 Other hazards:

### CLP

Heat may cause pressure rise in tanks/drums: explosion risk.  
Harmful to fishes.  
Toxic to invertebrates (Daphnia)

## Section 3: Composition/Information on Ingredients

**Proprietary blend of oxidizers and other cleaning agents.** *NOTE:* Other cleaning agents are not considered hazardous.

#### **Section 4: First Aid Measures**

**General information:**

**Eye contact:** Can cause serious eye injury. 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:** ACUTE - Harmful if swallowed. Consult a physician.

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

**Flash Point:** N/A

**Suitable Extinguishing Agents:** All extinguishing media known.

**Unusual Fire or Explosive Hazards:** Contact with combustibles may cause fire.

**Advise for Firefighters:** Oxidizer may intensify fire.

**Protective Equipment:** Wear full turnout gear.

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

**Personal precautions:** Prevent dust from forming.

**Protective equipment:** Safety goggles, rubber apron, and rubber gloves.

**Emergency procedures:** Safety goggles, rubber apron, and rubber gloves.

**Methods and material for containment and cleanup:** Prevent dust. Scoop up spill and discard according to local, state, and federal regulations. Flush area with water.

**Section 7: Handling and Storage**

**Precautions for safe handling:** Avoid dust. Store away from open flame and any heat source.

**Information about protection against explosions and fires:** Store away from combustible materials, oxidizing materials, strong acids, bases, metals, organic materials, and water/moisture.

**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry area. Keep out of direct sunlight. Meet legal requirements.

**Further information about storage conditions:** Observe normal hygiene. Keep container tightly closed. Remove contaminated clothing immediately. Do not release into sewer or waterways.

**Section 8: Exposure Controls / Personal Protection**

**8.1 Control Parameters**

**8.1.1 Occupational exposure**

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

b) National biological limit values

If limit values are applicable and available these will be listed below.

**8.1.2 Sampling methods**

| Product name      | Test | Number |
|-------------------|------|--------|
| No data available |      |        |

**8.1.3 Applicable limit values when using the substance or mixture as intended**

If limit values are applicable and available these will be listed below.

**8.1.4 DNEL/PNEC values**

**DNEL - Workers**

| Effect level (DNEL/DMEL) | Type                               | Value                   | Remark |
|--------------------------|------------------------------------|-------------------------|--------|
| DNEL                     | Long-term local effects inhalation | 5 mg/m <sup>3</sup>     |        |
|                          | Long-term local effects dermal     | 12.8 mg/cm <sup>2</sup> |        |
|                          | Acute local effects dermal         | 12.8 mg/cm <sup>2</sup> |        |

**DNEL - General population**

| Effect level (DNEL/DMEL) | Type                           | Value                  | Remark |
|--------------------------|--------------------------------|------------------------|--------|
| DNEL                     | Long-term local effects dermal | 6.4 mg/cm <sup>2</sup> |        |
|                          | Acute local effects dermal     | 6.4 mg/cm <sup>2</sup> |        |

**PNEC**

| Compartments                 | Value      | Remark |
|------------------------------|------------|--------|
| Fresh Water                  | 0.035 mg/l |        |
| Marine water                 | 0.035 mg/l |        |
| Aqua (intermittent releases) | 0.035 mg/l |        |
| STP                          | 16.24 mg/l |        |

**8.1.5 Control banding**

If applicable and available, it will be listed below.

**8.2 Exposure controls**

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

**8.2.1 Appropriate engineering controls**

Avoid raising dust. Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

**8.2.2 Individual protection measures, such as personal protective equipment**

Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

**a). Respiratory protection:**

Dust protection: dust mask with filter type P2.

**b). Hand protection:**

Gloves: materials for protective clothing (good resistance) PVC, rubber.

**c). Eye protection:**

Face shield. In case of dust production: protective goggles.

**d). Skin protection:**

Protective clothing. In case of dust production: head/neck protection, dustproof clothing.

**8.2.3 Environmental exposure controls:**

See headings 6.2, 6.3, and 13

**Section 9: Physical and Chemical Properties**

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

**Physical State:** Powder

**Appearance and Odor:** White, Fine/Granular

**Odor Threshold:** No particular odor

**Vapor Pressure:** N/A

**Vapor Density (Air = 1):** N/A

**Formula Weight:** N/A

**Density:** N/D

**Specific Gravity:** N/D

**pH:** 9.4-9.6 (in a 10-1 solution)

**Water Solubility:** Soluble in water

**Other Solubilities:** N/D

**Boiling Point:** N/A

**Freezing Point:** N/A

**Viscosity:** N/A

**Refractive Index:** N/A

**Surface Tension:** N/D

**% Volatile:** N/A

**Evaporation Rate:** N/A

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

**Reactivity:** Promotes combustions. Has basic reaction.

**Chemical Stability:** Unstable on exposure to heat. Unstable on exposure to moisture.

**Conditions to Avoid:** Avoid creation dust. Keep away from open flame and heat.

**Incompatible Materials:** Combustible materials, oxidizers, strong acids, bases, metals, organic materials, water/moisture.

**Possibility of Hazardous Reactions:** Reacts with many compounds. Oxidation resulting in fire or explosion risk. Combustion can result in the release of CO and CO<sup>2</sup>.

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

**Eyes:** Highly irritating.

**Skin:** Slight skin Irritation - not sensitizing.

**Ingestion:** Unknown

**Inhalation:** Unknown

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

**Carcinogenicity:** Product is not listed.

**Ecotoxicity Effects:** Harmful to fish, toxic to invertebrates.

**Chemical Fate:** Not considered a bio accumulative substance.

### **Section 12: Ecological Information**

**Low potential for absorption in soil.**

### **Section 13: Disposal Considerations**

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

#### **13.1. Waste from residues / unused products**

- Dilute with plenty of water.
- Dispose of wastes in an approved waste disposal.
- Can be landfilled, when in compliance with local regulations.
- In accordance with local and national regulations.

#### **13.2. Packaging treatment**

- Clean container with water.
- Empty containers should be taken to an approved waste handling site for recycling or disposal.
- Uncleaned empty packaging.

- Dispose of as unused product.
- in accordance with local and national regulations.

**13.3. RCRA Hazardous Waste**

- Listed RCRA Hazardous Waste (40 CFR 302) - No

**Section 14: Transportation Information**

|                                     |                 |
|-------------------------------------|-----------------|
| <b>UN - Number</b>                  | <b>3378</b>     |
| <b>IATA - DGR</b>                   |                 |
| Class                               | 5.1             |
| Packing group                       | III             |
| ICAO - Labels                       | Oxidizer        |
| <b>IMDG</b>                         |                 |
| Class                               | 5.1             |
| Packing group                       | III             |
| ICAO - Labels                       | Oxidizing agent |
| HI/UN No.                           | 3378            |
| <b>U.S. Dept. of Transportation</b> |                 |
| Class (Subsidiary)                  | 5.1             |
| Packing group                       | III             |
| Label Subsidiary)                   | Oxidizing agent |
| Marine pollutant:                   | no              |
| Emergency info:                     | ERG: 140        |
| <b>Canada (TDG)</b>                 |                 |
| Class (Subsidiary)                  | 5.1             |
| Packing Group                       | III             |
| Label (Subsidiary)                  | Oxidizer        |
| Marine pollutant                    | No              |
| Emergency info:                     | ERG: 140        |

**Section 15: Regulatory information**

**15.1. Inventory Information**

|  |                                   |
|--|-----------------------------------|
| <b>Toxic Substance Control Act list (TSCA)</b>                   | : - In compliance with inventory. |
| <b>Australian Inventory of Chemical Substances (AICA)</b>        | : - In compliance with inventory. |
| <b>Canadian Domestic Substances List (DSL)</b>                   | : - In compliance with inventory. |
| <b>Inventory of Existing Chemical Substances (China) (IESCS)</b> | : - In compliance with inventory. |
| <b>Korea Existing Chemicals Inv.</b>                             | : - In compliance with inventory. |

|  |                          |   |
|--|--------------------------|---|
| <b>(KECI) (KECI (KR))</b>  |                          |   |
| <b>EU list of existing chemical Substances (EINECS)</b>  | :                        | - In compliance with inventory.   |
| <hr/>  |                          |   |
| <b>Japanese Existing and New Chemical Substances (MITI List) (ENCS)</b>  | :                        | - In compliance with inventory.   |
| <hr/>  |                          |   |
| <b>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</b>   | :                        | - In compliance with inventory.   |
| <hr/>  |                          |   |
| <b>New Zealand Inventory (in preparation) (NZ)</b>   | :                        | - In compliance with inventory.   |
| <hr/>  |                          |   |
| <b>15.2. Other regulations</b>   |                          |   |
| <i>US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)</i>  |                          |   |
|  |                          | - not regulated.  |
| <i>SARA Hazard Designation (SARA 311/312)</i>  |                          |   |
|  |                          | - Fire Hazard: Yes.   |
| <i>US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required</i>  |                          |   |
|  |                          | - not regulated.  |
| <i>US. EPA CERCLA Hazardous Substances (40 CFR 302)</i>  |                          |   |
|  |                          | - not regulated.  |
| <i>US. New Jersey Worker and Community Right-TO-Know Act (New Jersey State Annotated Section 34:5A-5)</i>  |                          |   |
|  |                          | - not regulated.  |
| <i>US. Pennsylvania Worker and Community Right-To Know law (34 Pa. Code Chap. 301-323)</i>   |                          |   |
|  |                          | - not regulated.  |
| <i>US. California Safe Drinking Water &amp; Toxic Enforcement Act (Proposition 65)</i>   |                          |   |
|  |                          | - not regulated.  |
| <b>15.3. Classification and labeling</b>   |                          |   |
| <i>Canada. Canadian Environmental protection ACT (CEPA). WHMIS Ingredient Disclosure List (Can. Gaz., Part II, Vol. 122, No. 2)</i>  |                          |   |
|  | - C                      | Oxidizing Material  |
|  | - D2B                    | Toxic Material Causing Other Toxic Effects  |
| <br><i>Remarks:</i> This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. |                          |   |
| <br><b>EC Label</b> - Classification and labeling according to Directive 67/548/EEC.   |                          |   |
| Symbol(s)  | O<br>Xn                  | Oxidizing<br>Harmful  |
| R-phrase(s)  | R 8<br>R22<br>R41        | Contact with combustible material may cause fire.<br>Harmful if swallowed.<br>Risk of serious damage to eyes.   |
| S-phrases  | S 8<br>S15<br>S17<br>S25 | Keep container dry.<br>Keep away from heat.<br>Keep away from combustible material.<br>Avoid contact with eyes. |



|     |   |
|-----|---|
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S39 | Wear eye/face protection.   |

**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