

Safety Data Sheet**Product Name: D-SOLV 60 Degreaser**

Revision Date: 3/5/19

Section 1: Product and Company Identification**Product Name:** D-SOLV 60 Degreaser**General Use:** An aqueous degreasing/scouring agent used in the Taxidermy and Fur Dressing industries.**Restrictions on Use:** None**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 = 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.**Emergency overview****Physical state:** Liquid. [Mobile liquid].**Color:** Clear-cloudy.**Odor:** Mild. Hydrocarbon.**Signal word:** WARNING!

Hazard statements: INHALATION CAUSES HEADACHES, DIZZINESS, DROWSINESS AND NAUSEA AND MAY LEAD TO UNCONSCIOUSNESS. CAUSES SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE.

Precautionary measures: Avoid breathing vapor or mist. Avoid contact with skin and clothing. Wash thoroughly after handling.

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Contains between 15-30% hydrotreated distillates.

Routes of entry: Eyes, Skin, Ingestion, Inhalation.

Potential acute health effects

Inhalation: Can cause central nervous system (CNS) depression.

Ingestion: Can cause central nervous system (CNS) depression. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Skin: Irritating to skin.

Eyes: No known significant effects or critical hazards.

See toxicological information (Section 11).

Section 3: Composition/Information on Ingredients

Proprietary blend of emulsifiers and mineral solvent.

Section 4: First Aid Measures

General information:

Eye contact: Remove contact lens. Rinse opened eye(s) thoroughly for several minutes with plenty of running water. 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 exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion: Wash out mouth with water. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Section 5: Fire-Fighting Measures

Flash Point: Over 220°F / 104°C.

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

Unusual Fire or Explosive Hazards: None.

Hazardous Thermal: Carbon dioxide and carbon monoxide decomposition products.

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. Keep unnecessary people from area. DO NOT breath in vapors or mist. Provide adequate ventilation.

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.

Section 7: Handling and Storage

Precautions for safe handling: Put on appropriate personal protective equipment (see Section8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, smoking. Remove contaminated clothing and protective equipment before entering eating areas. DO NOT breath vapor or mist. DO NOT swallow. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. DO NOT reuse container.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. DO NOT store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8: Exposure Controls / Personal Protection

Ingredient	Exposure limits
Distillates (petroleum), hydrotreated light	_ _ACGIH TLV (United States)
	TWA: 200 ppm 8 hours.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Engineering measures: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Respiratory: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties.

Physical State: Slightly viscous liquid.

Appearance and Odor: Cloudy-clear/ No distinct odor.

Odor Threshold: N/D

Vapor Pressure: N/D

Vapor Density (Air = 1): N/D

Formula Weight: Approximatelt 7.9 lbs. per gallon.

Density: N/D

Specific Gravity: .993

pH: 7-8

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: 38-41%

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: Mild eye Irritation.

Skin: Mild 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: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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:	Combustible Liquid, Moderate skin irritant, moderate eye irritant.
WHMIS Classification:	Class D-2B: Material causing other toxic effects (TOXIC)
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:	Immediate (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 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: TSCA 8(A) CDR Exempt/Partial Exemption; this material is not listed

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.

Canada

WHMIS (Canada): Class D-28: Material causing other toxic effects (TOXIC).

Canadian lists

Canadian NPRI: This material is listed.

CEPA Toxic substances: This material is not listed.

Canada inventory: This material is listed or exempted.

International regulations

International lists: Australia inventory (AICS): This material is listed or exempted.

China inventory (IECSC): This material is listed or exempted.

Japan inventory: N/D

Korea inventory: This material is listed or exempted.

Malaysia inventory (EHS Register): N/D

New Zealand inventory of Chemicals (NZIoC): This material is listed or exempted.

Philippines inventory (PICCS): This material is listed or exempted.

Taiwan inventory (CSNN): N/D

Europe inventory: This material is listed or exempted.

Section 16: Other Information

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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