

**MATERIAL SAFETY DATA SHEET**

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**SECTION I: IDENTIFICATION**

**Product name:** Liteworx Conditioning Oil Lightener

**SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

[HAZARDOUS COMPONENTS - (CAS NUMBER)- OSHA PEL –ACGIH/TLV – OTHER - % (OPTIONAL)]						
Ammonia	(7664-41-7)	50ppm TWA	25ppm 17mg/M <sup>3</sup> TWA	TWA	N/A	<1.0%
			35ppm 24mg/M <sup>3</sup> STEL	STEL		
Isopropyl Alcohol	(67-63-0)	400ppm TWA 980mg/M <sup>3</sup> TWA	400ppm TWA 983mg/M <sup>3</sup> TWA	N/A		<11.0%
			500ppm STEL 1230mg/M <sup>3</sup> STEL			

**SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/D  
**VAPOR DENSITY:** N/D  
**MELTING POINT:** N/A  
**SOLUBILITY IN WATER:** Soluble.  
**APPEARANCE AND ODOR:** Clear amber-yellow liquid with bland to mild ammonia odor.

**VAPOR PRESSURE:** N/D  
**SPECIFIC GRAVITY:** 0.95  
**EVAPORATION RATE:** N/D

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** N/D  
**FLAMMABLE LIMITS:** N/D  
**EXTINGUISHING MEDIA:** Water, water fog, CO<sub>2</sub>, Dry Chemical.  
**SPECIAL FIRE FIGHTING PROCEDURES:** None  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**SECTION V: REACTIVITY DATA**

**STABILITY DATA**  
**UNSTABLE:** No  
**STABLE:** Yes  
**INCOMPATIBILITY:** Open flame, heat, strong oxidizers, metal.

**HAZARDOUS POLYMERIZATION**

**MAY OCCUR:** No  
**WILL NOT OCCUR:** Yes  
**INCOMPATIBILITY:** None

**SECTION VI: HEALTH HAZARD DATA**

**ROUTE(S) OF ENTRY**

**INHALATION:** Avoid  
**SKIN:** Avoid  
**INGESTION:** Avoid  
**HEALTH HAZARD (Acute and Chronic):** Eye contact: eye irritation. Skin contact: Minor irritant.

**CARCINOGENICITY**

**CARCINOGEN:** N/A

**NTP:** N/A

**IARC MONOGRAPHS:** N/A

**OSHA REGULATED:** N/A

**SIGNS AND SYMPTOMS OF EXPOSURE**

**SKIN:** Irritation.

**EYES:** Irritation.

**INHALATION:** Irritation.

**INGESTION:** Irritation to gastrointestinal tract.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None to the best of our knowledge.

**EMERGENCY AND FIRST AID PROCEDURES**

**SKIN:** Flush with water, then wash with soap and water.

**EYES:** Flush with large quantity of water for 15 minutes. Seek medical attention if needed.

**INHALATION:** Remove to fresh air. Seek medical attention.

**INGESTION:** Do not induce vomiting. Seek medical attention.

**SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Flush area with plenty of water. Floor will become slippery.

**WASTE DISPOSAL METHOD:** Dispose according to all applicable Local, State and Federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Avoid excessive heat and contamination. Store at room temp.

**OTHER PRECAUTIONS:** None

**SECTION VIII: CONTROL MEASURES**

**RESPIRATORY PROTECTION:** N/A

**VENTILATION**

**LOCAL EXHAUST:** Recommended.

**MECHANICAL:** Recommended.

**SPECIAL:** N/A

**OTHER:** N/A

**PROTECTIVE GLOVES:** Plastic gloves.

**EYE PROTECTION:** Safety glasses if desired.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Plastic cape during processing.

**WORK/HYGIENIC PRACTICES:** Normal good work, hygienic practices.

**Date of preparation:** 6-02-05

**Prepared by:** David C. Ferguson

**N/A:** Not applicable

**N/D:** Not determined

**N/E:** Not established