

MATERIAL SAFETY DATA SHEET

Section 1 - Product and Company Information

Product Name : Cleanser Pre-Treatment
Company : London Lash Professional

Section 2 - Composition/Information on Ingredient

Component	O.	by Weight(approx.)
ethyl alcohol	64-17-5	>50%
H2O	7732-18-5	< 20%
AA	108-24-7	<15%
SILANE	1760-24-3	<15%

Section 3 - Hazards Identification

Eye: Causes severe eye irritation. May cause painful sensitization to light.

conjunctivitis and corneal May cause chemical damage.

Skin: Causes moderate skin irritation. May cause cyanosis of the extremities

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhoea. May cause systemic toxicity with acidosis. May cause central nervous system depression, characterized by excitement, followed by headache,

dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

Inhalation: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation. May cause narcotic effects in high concentration. Vapors may cause dizziness or suffocation.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. Gently lift eyelids and flush continuously with water. Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Flush skin with plenty of soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid. Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

Notes to Physician: Treat symptomatically and supportively. Persons with skin or eye disorders or liver, kidney, chronic respiratory diseases, or central and peripheral nervous system diseases may be at increased risk from exposure to this substance. Antidote: Replace fluid and electrolytes.

Section 5 - Fire Fighting Measures

General Information: Containers can build up pressure if exposed to heat and/or fire. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Flammable Liquid. Can

release vapors that form explosive mixtures at temperatures above the flashpoint. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire.

Extinguishing Media: For small fires, use dry chemical, carbon dioxide, water spray or alcohol-

resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam. Use water spray to

cool fire-exposed containers. Water may be ineffective. Do NOT use straight streams of water.

Flash Point: 16.6 deg C (61.88 deg F)

Autoignition Temperature: 363 deg C (

685.40 deg F) Explosion Limits, Lower:3.3 vol

%

Upper: 19.0 vol %

NFPA Rating: (estimated) Health: 2; Flammability: 3; Instability: 0

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

Storage: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Keep from contact with oxidizing

materials. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area. Do not store near perchlorates, peroxides, chromic acid or nitric acid.

Section 8 - Physical/Chemical Properties

Physical State: Clear liquid
Appearance: colourless
Odour: Mild, rather pleasant, like wine or whisky
pH: Not available.
Vapour Pressure: 59.3 mm Hg @ 20 deg C
Vapour Density: 1.59
Evaporation Rate: Not available.
Viscosity: 1.200 cP @ 20 deg C
Boiling Point: 78 deg C
Freezing/Melting Point: -114.1 deg C
Decomposition Temperature: Not available.
Solubility: Miscible.
Specific Gravity/Density: 0.790 @ 20°C
Molecular Formula: C₂H₅OH
Molecular Weight: 46.0414

Section 9 - Ecological Information

Environmental: When released to the atmosphere it will photodegrade in hours (polluted urban atmosphere) to an estimated range of 4 to 6 days in less polluted areas. Rainout should be significant.

Physical: No information available.

Other: No information available.

Section 10 - Regulatory Information

US FEDERAL

TSCA

CAS# 64-17-5 is listed on the TSCA inventory. CAS# 7732-18-5 is listed on the TSCA inventory. Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List. Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule. Section 12b

None of the chemicals are listed under TSCA Section 12b. TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

SARA

CERCLA Hazardous Substances and corresponding RQs None of the chemicals in this material have an RQ. SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 64-17-5: acute, chronic, flammable. Section 313

No chemicals are reportable under Section 313. Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 64-17-5 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

CAS# 7732-18-5 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

WARNING: This product contains Ethyl alcohol, a chemical known to the state of California to cause birth defects or other reproductive harm. California No Significant Risk Level: None of the chemicals in this product are listed. European/International Regulations

European Labeling in Accordance with EC Directives Hazard Symbols: F

Risk
Phrases:

R 11 Highly flammable. Safety Phrases:

S 16 Keep away from sources of ignition - No smoking.

S 33 Take precautionary measures against static discharges.

S 7 Keep container tightly closed.

S 9 Keep container in a well-ventilated place. WGK (Water Danger/Protection)

CAS# 64-17-5: 0

CAS# 7732-18-5: No information available. Canada - DSL/NDSL

CAS# 64-17-5 is listed on Canada's DSL List. CAS# 7732-18-5 is listed on Canada's DSL List. Canada - WHMIS

This product has a WHMIS classification of B2, D2A, D2B. Canadian Ingredient Disclosure List

Section 11 - Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall London Lash Professional be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such.