

SAFETY DATA SHEET



Date Prepared : 08/14/2015
MSDS No : Luxcare XT WP

Luxcare XT Windshield Protection

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Luxcare XT Windshield Protection
GENERAL USE: Protection of automotive windshields
CHEMICAL FAMILY: Mixture

MANUFACTURER

Cal-Tex Protective Coatings, Inc.
7455 Natural Bridge Caverns Rd.
Schertz, TX 78154
Customer Service: 210-564-3200

24 HR. EMERGENCY TELEPHONE NUMBERS

INFOTRAC (US Transportation): 800-535-5053
Poison Control Center (Medical): 877-800-5553

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2A
Target Organ Toxicity (Single exposure), Category 2 (Eyes, Central nervous system)

Physical:

Flammable Liquids, Category 2

GHS LABEL



Flame



Health
hazard



Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
9213H83V: May cause damage to organs (Eyes, Central nervous system)

PRECAUTIONARY STATEMENT(S)

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242: Use only non-sparking tools.
178906Z7: Take precautionary measures against static discharge.
66683DSD: Wear protective gloves/ eye protection/ face protection
6458G8LP: Wash hands thoroughly after handling.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.

Luxcare XT Windshield Protection

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370: In case of fire: Use CO₂, dry chemical, or foam to extinguish.

P337: If eye irritation persists: Get medical advice/attention.

P308: IF exposed or concerned: Call a POISON CENTER or doctor / physician.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

Disposal:

3912LZZT: Dispose of contents/container in accordance with local, state and federal regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear liquid

IMMEDIATE CONCERNS: Contact may cause eye irritation.

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INGESTION: Harmful if swallowed.

INHALATION: Vapor may cause irritation to the respiratory tract and lung damage if exposure is excessive.

MEDICAL CONDITIONS AGGRAVATED: Dermatitis may be aggravated by excessive exposure to skin.

ROUTES OF ENTRY: Include skin contact, eye contact, inhalation and ingestion.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt. % | CAS |
|---------------|----------|-----------|
| Ethanol | 60 - 100 | 64-17-5 |
| Sulfuric Acid | 0.1 - 1 | 7664-93-9 |

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical professional if blurry vision or irritation develops and persists.

SKIN: Wash affected area with soap and water. If irritation develops and persists, get medical attention. Wash contaminated clothing before reuse.

INGESTION: If swallowed, do not induce vomiting, give several glasses of water. Get medical attention/advice if you feel unwell.

INHALATION: If inhaled, remove to fresh air. If irritation develops or persists, get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: May include redness, swelling, pain, tearing, and blurred or hazy vision.

SKIN: May include localized redness, swelling, and itching.

INGESTION: May include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

INHALATION: May include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

ACUTE EFFECTS: Overexposure may result in irritation of the skin, eyes, and respiratory tract.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Class 3 Flammable Liquid

FLAME PROPAGATION OR BURNING RATE OF SOLIDS: Vapors can flow along surfaces to distant ignition source and flash back.

GENERAL HAZARD: Keep away from heat and open flame.

EXTINGUISHING MEDIA: Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide.

OTHER CONSIDERATIONS: Water or foam may cause frothing which can be violent especially if sprayed in containers of hot, burning liquid.

FIRE FIGHTING PROCEDURES: Avoid flow of material into drains. Use a water spray to cool fire-exposed containers. Do not enter any enclosed or confined space without proper PPE.

FIRE FIGHTING EQUIPMENT: Firefighters should use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

FIRE EXPLOSION: In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

SENSITIVE TO STATIC DISCHARGE: Yes

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Soak up with sawdust, sand, oil dry, paper towel or other absorbent material

LARGE SPILL: Confine spill by diking or impoundment. Clean up spill by absorbing with an inert material such as sand, soil, sawdust, oil dry or vermiculite. Sweep up absorbant and dispose according to regulatory requirements. Ventilate area to avoid breathing vapors or dust.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water if safe to do so.

LAND SPILL: Prevent further leakage or spillage if safe to do so.

GENERAL PROCEDURES: Remove sources of heat or ignition. Stop spill/leak at source if possible without risk.

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate personal protective equipment.

COMMENTS: In case of spills, beware of slippery floors and surfaces.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid eye contact with vapors, mists or spray.

HANDLING: Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors, static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment.

STORAGE: Store in original container protected from direct sunlight in a dry, cool, well-ventilated area and away from food and drink.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) | | | | | |
|---|------|-----------------|-------------------|-----------|-------------------|
| | | EXPOSURE LIMITS | | | |
| | | OSHA PEL | | ACGIH TLV | |
| Chemical Name | | ppm | mg/m ³ | ppm | mg/m ³ |
| Ethanol | TWA | 1000 | 1900 | 1000 | 1880 |
| Sulfuric Acid | TWA | | 1 | | 1 |
| | STEL | | | | 3 |

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Not normally needed. If contact is likely, safety glasses with side shields are recommended.

SKIN: If prolonged or repeated contact is likely, protective gloves are recommended.

RESPIRATORY: No personal respiratory protective equipment normally required. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Alcohol odor

ODOR THRESHOLD: Not Available

APPEARANCE: Clear liquid

pH: Not Available

FLASH POINT AND METHOD: 13°C (55°F)

FLAMMABLE LIMITS: 19% to 3.3%

Notes: Explosive limits are calculated.

AUTOIGNITION TEMPERATURE: 363°C (685°F)

VAPOR PRESSURE: 93.2 mmHg at 25°C (77°F)

VAPOR DENSITY: 1.6 Air = 1

BOILING POINT: 77°C (171°F)

FREEZING POINT: -114°C (-173°F)

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Not Available

PARTITION COEFFICIENT: N-OCTANOL/WATER: -0.35

EVAPORATION RATE: 1.7 butyl acetate = 1

DENSITY: 0.81 at 20.°C (68.°F)

SPECIFIC GRAVITY: ~

Luxcare XT Windshield Protection

VISCOSITY: Not Available**10. STABILITY AND REACTIVITY****HAZARDOUS POLYMERIZATION:** Hazardous polymerization will not occur.**STABILITY:** Stable under normal storage and handling conditions.**CONDITIONS TO AVOID:** Keep away from heat, sparks and flame.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide may be produced during combustion.**INCOMPATIBLE MATERIALS:** Oxidizing materials.**11. TOXICOLOGICAL INFORMATION****ACUTE**

| Chemical Name | ORAL LD ₅₀ (rat) | DERMAL LD ₅₀ (rabbit) | INHALATION LC ₅₀ (rat) |
|---------------|--------------------------------|-------------------------------------|--------------------------------------|
| Ethanol | 7060 mg/kg (Rat) | 20000 mg/kg (Rabbit) | 124.7 mg/l (Rat) |
| Sulfuric Acid | 2140 mg/kg (Rat) | NL | 510 mg/m ³ (Rat) 2h |

12. ECOLOGICAL INFORMATION**ECOTOXICOLOGICAL INFORMATION:** Do not allow to enter soil, waterways or waste water canal.**BIOACCUMULATION/ACCUMULATION:** Not Available**AQUATIC TOXICITY (ACUTE)****96-HOUR LC₅₀:** 14200 mg/l (Ethanol)(Flathead Minnow)**96-HOUR EC₅₀:** 14000 mg/l (Ethanol)(Rainbow Trout)**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Follow applicable federal, state and local waste disposal regulations.**EMPTY CONTAINER:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.**RCRA/EPA WASTE INFORMATION:** Wastes of this product must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** ALCOHOLS, N.O.S., (Ethanol)**PRIMARY HAZARD CLASS/DIVISION:** 3**UN/NA NUMBER:** 1987**PACKING GROUP:** II

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

313 REPORTABLE INGREDIENTS: None listed

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: This product contains a chemical component, Sulfuric acid (7664-93-9) subject to the reporting requirements of SARA Title III, Section 302 or with a Section 304 EHS RQ.

THRESHOLD QUANTITY: 1000 lbs

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This material, as supplied, contains Sulfuric acid (7664-93-9), a substance regulated as a hazardous substance under CERCLA.

CERCLA RQ: 1000 lb, Sulfuric acid (7664-93-9)

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components of this product are listed or exempt from listing on TSCA Inventory.

CALIFORNIA PROPOSITION 65: This product contains Ethanol a chemical known to the state of California to cause cancer and developmental harm only when it is ingested as an alcoholic beverage and Sulfuric Acid a chemical known to the state of California to cause cancer only when it is inhaled in a mist.

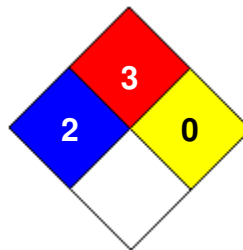
CLEAN WATER ACT: This product contains Sulfuric acid (7664-93-9) listed as a regulated pollutand under the Clean Water Act (40 CFR 122.21-42)

16. OTHER INFORMATION

Date Prepared: 08/14/2015

HMIS RATING

| | | |
|----------------------------|--------------------------|----------|
| HEALTH | <input type="checkbox"/> | 2 |
| FLAMMABILITY | <input type="checkbox"/> | 3 |
| PHYSICAL HAZARD | <input type="checkbox"/> | 0 |
| PERSONAL PROTECTION | <input type="checkbox"/> | B |

NFPA CODES

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