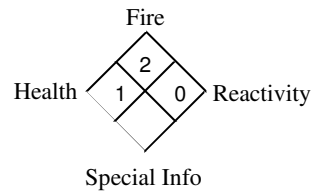


WHMIS Code  
**N/A**  
None

# Material Safety Data Sheet

## Luxcare Window Cleaner



### Section 1 - Material Identification and Use

Manufacturer's Name..... **Cal-Tex Protective Coatings, Incorporated**  
 Manufacturer's Address..... 7455 Natural Bridge Caverns Road Schertz TX 78154  
 Emergency Phone Number..... INFOTRAC 1-800-535-5053 24 Hours Per Day, 7 Days Per Week  
 Supplier Name and Identifier..... **Cal-Tex Protective Coatings, Incorporated**  
 Supplier's Address..... 7455 Natural Bridge Caverns Road Schertz TX 78154  
 MSDS Prepared By ..... Ronnie L. Meadows (210) 564-3200  
 Trade Name..... **Luxcare Window Cleaner**  
 Product Use..... Cleaning glass, chrome, and mirrors

### Section 2 - Hazardous Ingredients of Material

No.	Chemical Identity	Concentration	CAS	PEL	TLV	STEL	IDLH
1	Water	Trade Secret	7732-18-5				
2	Isopropanol	Trade Secret	67-63-0	400	400	500	2000
3	2-Butoxyethanol	Trade Secret	111-76-2	50	25	-	700

NA = Not Applicable ND = No Data Available < = Less Than > = More Than \* Ceiling Value \*\* Chemical Believed to be a Potential Carcinogen (NIOSH)

### Section 3 - Hazardous Identification

EYE	<input checked="" type="checkbox"/>	This chemical may affect the eye or visual capacity	WHMIS Warning:       <div style="text-align: center;">None</div>
SKIN	<input checked="" type="checkbox"/>	This chemical may affect the dermal layer of the body	
LUNGS	<input checked="" type="checkbox"/>	This chemical may irritate or damage pulmonary tissue	
NERVOUS SYSTEM	<input type="checkbox"/>	This chemical may produce a toxic affect on the nervous system	
REPRODUCTIVE	<input type="checkbox"/>	May affect reproductive capabilities including mutations and effects on the fetus.	
BLOOD	<input type="checkbox"/>	This chemical may act on the blood or hematopoietic system; decrease hemoglobin function; deprive tissue of oxygen	
LIVER	<input type="checkbox"/>	This chemical may produce liver damage - Hepatotoxins	
KIDNEYS	<input type="checkbox"/>	This chemical may produce kidney damage - Neprotoins	

### Section 4 - First Aid Measures

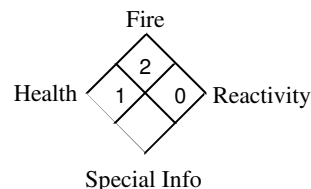
INGESTION	<input checked="" type="checkbox"/>	DO NOT induce vomiting. Rinse mouth with water and give plenty of milk. Never give liquids to an unconcious victim - Seek Immediate Medical Attention
EYE CONTACT	<input checked="" type="checkbox"/>	Flush immediately with plenty of water for at least 15 minutes - Seek Medical Attention
SKIN CONTACT	<input checked="" type="checkbox"/>	Wash thoroughly with soap and water - Seek Medical Attention if irritation persists
INHALATION	<input checked="" type="checkbox"/>	Remove to fresh air. If breathing is difficult give oxygen - If not breathing give artificial respiration -Get Medical Attention
SPECIAL	<input type="checkbox"/>	None Identified

WHMIS Code

N/A  
None

# Material Safety Data Sheet

## Luxcare Window Cleaner



### Section 5 - Fire-Fighting Measures

Flashpoint F 179.6  
Flashpoint C 82

Upper Explosion Limit 12.0%  
Lower Explosion Limit 1.1%  
Auto-Ignition Temp. Not Determined

**Extinguishing Media**

Carbon dioxide, dry chemical, water fog, water spray, foam.

**DO NOT USE WATER**

Special Fire Fighting Procedures Use self contained breathing apparatus when fighting large fires.

### Section 6 - Accidental Release Measures

Spill and Leak Requirements

Small leaks-mop up, wipe up, or soak up immediately. Large spills-contain material and ventilate area. Do not dump into sewers, on the ground, or into any body of water.

### Section 7 - Handling and Special Storage

Handling and Special Storage

Keep from sources of ignition. Keep containers closed when not in use. Store in a cool place with adequate ventilation. Storage location should be constructed for containment and dilution/neutralization of spills

Additional Storage Requirements

### Section 8 - Exposure Controls and Personal Protection

Eye Protection

Wear approved eye protection to safeguard against potential eye contact, irritation or injury. Use chemical goggles if material is to be sprayed.

Skin Protection

Wear chemical resistant gloves, suits, aprons, and boots to safeguard against potential skin contact, irritation or injury.

Comments

None needed with proper engineering controls. Use when concentrations exceed the PEL/TLV. Maintain ventilation to keep vapor concentration below the PEL/TLV.

### Section 9 - Physical and Chemical Properties

Physical State

Liquid

Evaporation Rate

0.06

Odor and Appearance

Clear blue - slight solvent odor

Boiling Point

82 C

Specific Gravity

0.786

Freezing Point

Not Determined

Vapour Pressure

37 mm

pH

Not Determined

Vapour Density

Not Determined

Density (g/ml)

Not Determined

### Section 10 - Stability and Reactivity

Stability



Material is Stable



Material is NOT Stable

Incompatibility

Hazardous Decomposition Products

Hazardous Polymerization



May Occur



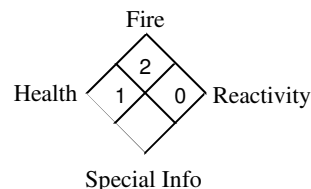
Will NOT Occur

WHMIS Code

N/A  
None

# Material Safety Data Sheet

## Luxcare Window Cleaner



### Section 11 - Toxicological Information

Acute Over Exposure Effects	Not Determined
Chronic Over Exposure Effects	Not Determined
Eye Contact	May include cloudy appearance of the cornea, chemical burns, pain, tearing, ulcers, impaired vision or loss of vision.
Skin Contact	May cause redness, swelling, itching, pain, blistering, ulceration, sloughing, and scar formation. Chemicals may be absorbed through the skin.
If Inhaled	May cause irritation of the upper respiratory area which may include soreness of the nose and throat, coughing and sneezing. Signs of overexposure may include difficulty breathing, wheezing, tightness in chest, congestion, and coughing up of blood.
If Swallowed	May cause damage to gastrointestinal tissue which may include pain, vomiting, nausea, abdominal tenderness, burns of mouth, difficulty swallowing, blood in vomitus, blood in feces, and ulceration.

### Section 12 - Ecological Information

### Section 13 - Disposal Considerations

Dispose in accordance with local, state, and federal regulations.

### Section 14 - Transportation Information

Ship as per DOT requirements in 49 CFR. Ship in accordance with local, state, and federal regulations.

### Section 15 - Regulatory Information

No.	Chemical Identity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	Water																						
2	Isopropanol						X					X									X		X
3	2-Butoxyethanol											X			X						X		X

(1) EHS-RQ (2) CERCLA (3) RQ (4) CAA 122r (5) TPQ (6) FIFRA (7) RCRA Code (8) Cal-CARC (9) Priority Pollutant (10) Cal-Well Monitoring (11) SARA 313 (12) SARA 302 (13) MCL (14) Cal-HOT SPOT (15) Cal-Drinking Water (16) Cal-Toxic Air (17) NESHAP (18) Cal-Prop 65 (19) DOT Inhalation (20) Director's List (21) EPA Air (22) Cal-Reg Pest.

An "X" in Column 11 indicates that this product contains a toxic chemical subject to the reporting requirements of Section 313 of EPCRA (40 CFR 372)

MSDS No.	10	Date Reviewed	4/15/2000	Prepared By	Ronnie L. Meadows
Trade Name	Luxcare Window Cleaner	Supersedes	1/1/1996	Phone Number	(210) 564-3200

TLV - Threshold Limit Value. An estimate of the average safe airborne concentration of a substance in representative conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect. TLVs are published annually by the ACGIH (American Conference of Governmental Industrial Hygienists).  
 PEL - Permissible Exposure Limit. The OSHA limit of employee exposure to chemicals; found primarily in 29 CFR 1910.1000.  
 STEL - Short Term Exposure Limit. The maximum concentration for a continuous 15-minute exposure period.  
 IDLH - Immediately Dangerous to Life and Health. The concentration of a airborne chemical which may cause irreversible health effects or death.  
 Ceiling - The maximum allowable concentration to which an employee may be exposed.

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