

**COSMOKLAR CREAM CLEANER**

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**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - IDENTIFICATION**

**Product identifier** : **COSMOKLAR CREAM CLEANER**

**Product Code(s)** : Detergent

**Product Use** : Cleaning agent / Detergent.

**Chemical Family** : Mixture.

**Supplier's name and address:**

**Ferco Ferrures de bâtiment**

2000, rue Berlier  
Laval, QC, Canada  
H7L 4S4

**Manufacturer's name and address:**

Refer to Supplier

**Information Telephone #** : (514) 973 1437

**24 Hr. Emergency Tel #** : Not available.

**SECTION 2 - HAZARDS IDENTIFICATION**

**Classification** : WHMIS information: This product is not a WHMIS controlled product in Canada. It does not meet any of the criteria for a controlled product provided in Part IV of the Controlled Products Regulations (CPR).

OSHA: This material is classified as hazardous under OSHA regulations (29CFR 1910.1200). Hazardous classification:  
Chronic Health Hazard.

**Emergency Overview** : Off white liquid. Pleasant odour.  
Caution! May cause respiratory irritation. May cause mild eye irritation. Prolonged overexposure may cause liver and kidney effects.

**POTENTIAL HEALTH EFFECTS:**

**Signs and symptoms of short-term (acute) exposure**

*Inhalation* : If mists are formed, inhalation may cause moderate irritation of the nose, throat and respiratory tract.

*Skin* : Direct skin contact may result in little or no irritation.

*Eyes* : May cause mild eye irritation.

*Ingestion* : Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea.

**Effects of long-term (chronic) exposure**

: Prolonged overexposure may cause liver and kidney effects.

**Carcinogenic status** : See TOXICOLOGICAL INFORMATION, Section 11.

**Additional health hazards** : See TOXICOLOGICAL INFORMATION, Section 11.

**Potential environmental effects**

: See ECOLOGICAL INFORMATION (Section 12).

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

<b><u>Ingredients</u></b>	<b>CAS #</b>	<b>Wt.%</b>
Glycerol	56-81-5	1.00 - 5.00

**SECTION 4 - FIRST AID MEASURES**

**Inhalation** : Immediately remove person to fresh air. Obtain medical attention if symptoms develop and persist.

**Skin contact** : Remove contaminated clothing. Wash off immediately with plenty of water. If irritation persists, seek prompt medical attention. Launder clothing before reuse.

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- Eye contact** : Immediately flush eye(s) with plenty of water. If irritation persists, seek prompt medical attention.
- Ingestion** : Do NOT induce vomiting. Consult a physician. Never give anything by mouth to an unconscious person.
- Notes For Physician** : Treat symptomatically.

### SECTION 5 - FIRE FIGHTING MEASURES

#### Fire hazards/conditions of flammability

- : Not flammable under normal conditions of handling. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

#### Flammability classification (OSHA 29 CFR 1910.1200)

- : Not flammable.

#### Oxidizing properties

- : None known.

#### Explosion data: Sensitivity to mechanical impact / static discharge

- : Not expected to be sensitive to mechanical impact or static discharge.

#### Suitable extinguishing media

- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

#### Special fire-fighting procedures/equipment

- : Firefighters should wear proper protective equipment and self contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

#### Hazardous combustion products

- : Carbon oxides; Acrolein.

#### NFPA Rating

- |                  |                        |                       |                              |
|------------------|------------------------|-----------------------|------------------------------|
| 0 - Minimal      | 1 - Slight             | 2 - Moderate          | 3 - Serious                  |
| <i>Health: 0</i> | <i>Flammability: 0</i> | <i>Instability: 0</i> | <i>Special Hazards: None</i> |

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

#### Personal precautions

- : Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Wear suitable protective equipment. For personal protection see section 8.

#### Environmental precautions

- : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

#### Spill response/cleanup

- : Remove all sources of ignition. Ventilate area of release. Stop spill or leak at source if safely possible. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Notify the appropriate authorities as required.

#### Prohibited materials

- : None known.

#### Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002).  
US CERCLA Reportable quantity (RQ): None reported.

### SECTION 7 - HANDLING AND STORAGE

#### Safe Handling procedures

- : Wear suitable protective equipment during handling. Use with adequate ventilation. Avoid breathing vapour or mist. Avoid contact with eyes, skin and clothing. Wash with soap and water after handling. Keep away from extreme heat and flame. Avoid contact with strong oxidizing agents. Use caution when opening cap. Keep containers tightly closed when not in use.

#### Storage requirements

- : Store in a cool, dry, well-ventilated area. Keep away from incompatibles. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.  
Recommended storage temperature: 15 - 25°C (59 - 77°F).

#### Incompatible materials

- : Strong oxidizing agents (e.g. hydrogen peroxide, nitric acid) and strong acids.

#### Special packaging materials

- : Not available.

### SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

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<b>Exposure Limits</b>				
<b>Ingredients</b>	<b>ACGIH TLV</b>		<b>OSHA PEL</b>	
	<b>TWA</b>	<b>STEL</b>	<b>PEL</b>	<b>STEL</b>
Glycerol	10 mg/m <sup>3</sup> (mist)	N/Av	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable) (mist)	N/Av

**Ventilation and engineering measures**

: Use sufficient mechanical ventilation to maintain exposures below the TLV.

**Respiratory protection**

: Respiratory protection is required if the concentrations exceed the TLV. NIOSH-approved respirators are recommended. Seek advice from respiratory protection specialists.

**Skin protection**

: Gloves impervious to the material are recommended. Advice should be sought from glove suppliers.

**Eye / face protection**

: Safety goggles or glasses as appropriate for the job.

**Other protective equipment**

: Emergency showers and eyewash facilities should be nearby. Wear sufficient clothing to prevent skin contact.

**General hygiene considerations**

: Avoid breathing vapour or mist. Avoid contact with eyes, skin and clothing. When using do not eat or drink. When using do not smoke. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	: Liquid.	<b>Appearance</b>	: off-white
<b>Odour</b>	: Pleasant odour.	<b>Odour threshold</b>	: N/Av
<b>pH</b>	: ~ 7		
<b>Boiling point</b>	: N/Av	<b>Specific gravity</b>	: 1.36 @ 20°C (68°F)
<b>Melting/Freezing point</b>	: N/Av	<b>Coefficient of water/oil distribution</b>	: N/Av
<b>Vapour pressure (mmHg @ 20° C / 68° F)</b>	: 17.3	<b>Solubility in water</b>	: Miscible
<b>Vapour density (Air = 1)</b>	: N/Av	<b>Evaporation rate (n-Butyl acetate = 1)</b>	: N/Av
<b>Volatile organic Compounds (VOC's)</b>	: N/Av	<b>Volatiles (% by weight)</b>	: N/Av
<b>Flash point</b>	: Not available.		
<b>Flash point Method</b>	: Not available.	<b>Auto-ignition temperature</b>	: N/Av
<b>Lower flammable limit (% by vol.)</b>	: N/Av	<b>Upper flammable limit (% by vol.)</b>	: N/Av
<b>Flame Projection Length</b>	: N/Av	<b>Flashback observed</b>	: N/Av

**Section 10: Stability And Reactivity**

<b>Stability and reactivity</b>	: Stable under the recommended storage and handling conditions prescribed.
<b>Hazardous polymerization</b>	: Will not occur.
<b>Conditions to avoid</b>	: Avoid excessive heat, sparks and open flame.
<b>Materials To Avoid And Incompatibility</b>	: Incompatible materials (see Section 7).
<b>Hazardous decomposition products</b>	: None known, refer to hazardous combustion products in Section 5.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

<b>Target organs</b>	: Eyes, skin, respiratory system and digestive system.
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**Routes of exposure** : *Inhalation:* YES *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* YES  
**Toxicological data** : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<b>Ingredients</b>	<b>LC<sub>50</sub>(4hr)</b> <b>inh, rat</b>	<b>LD<sub>50</sub></b>	
		<b>(Oral, rat)</b>	<b>(Rabbit, dermal)</b>
Glycerol	N/Av	12,600 mg/kg	23,000 mg/kg

**Carcinogenic status** : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.  
**Reproductive effects** : None known.  
**Teratogenicity** : None known.  
**Mutagenicity** : None known.  
**Epidemiology** : Not available.  
**Sensitization to material** : Not expected to be a skin or respiratory sensitizer.  
**Synergistic materials** : Not available.  
**Irritancy** : Mild.  
**other important hazards** : None known.  
**Conditions aggravated by overexposure** : Pre-existing skin, eye and respiratory disorders.

**SECTION 12 - ECOLOGICAL INFORMATION**


**Ecotoxicity** : No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.  
**Mobility** : No data is available on the product itself.  
**Persistence** : No data is available on the product itself.  
**Bioaccumulation potential** : No data is available on the product itself.  
**Other Adverse Environmental effects** : No data is available on the product itself.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Handling for Disposal** : Handle waste according to recommendations in Section 7.  
**Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**SECTION 14: TRANSPORT INFORMATION**

<b>Regulatory Information</b>	<b>UN Number</b>	<b>Shipping Name</b>	<b>Class</b>	<b>Packing Group</b>	<b>Label</b>
TDG	none	Not regulated.	Not regulated	none	
<b>TDG Additional information</b>	None.				
49CFR/DOT	None	Not regulated.	Not regulated	none	

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<b>49CFR/DOT Additional information</b>	None.
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**SECTION 15 - REGULATORY INFORMATION**

**US Federal Information:**

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

SARA TITLE III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355: No Extremely Hazardous Substances are present in this material.

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Chronic Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.

**US State Right to Know Laws:**

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

Other U.S. State "Right to Know" Lists: The following chemicals are specifically listed by individual States: Glycerin (MA, MN, NJ, PA, RI).

**International Information:**

WHMIS information:

This product is not a WHMIS controlled product in Canada. It does not meet any of the criteria for a controlled product provided in Part IV of the Controlled Products Regulations (CPR).

Canadian Environmental Protection Act (CEPA): Mixture. All components of this product are on the Canadian DSL list.

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.**

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating** : \* - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious  
*Health: \*1 Flammability: 0 Reactivity: 0*

**Legend** : ACGIH: American Conference of Governmental Industrial Hygienists  
 CAS: Chemical Abstract Services  
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
 CFR: Code of Federal Regulations  
 DOT: Department of Transportation  
 EPA: Environmental Protection Agency  
 NFPA: National Fire Protection Association  
 HMIS: Hazardous Materials Identification System  
 HSDB: Hazardous Substances Data Bank  
 IARC: International Agency for Research on Cancer  
 Inh: Inhalation  
 LC: Lethal Concentration  
 LD: Lethal Dose  
 MA: Massachusetts  
 MN: Minnesota  
 N/Ap: Not Applicable  
 N/Av: Not Available  
 NFPA: National Fire Protection Association

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NIOSH: National Institute of Occupational Safety and Health  
NJ: New Jersey  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PA: Pennsylvania  
PEL: Permissible exposure limit  
RCRA: Resource Conservation and Recovery Act  
RI: Rhode Island  
RTECS: Registry of Toxic Effects of Chemical Substances  
SARA: Superfund Amendments and Reauthorization Act  
STEL: Short Term Exposure Limit  
TLV: Threshold Limit Values  
TWA: Time Weighted Average  
WHMIS: Workplace Hazardous Materials Identification System

**References**

- : 1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2009.
- 2. International Agency for Research on Cancer Monographs, searched 2010.
- 3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2010 (Chempendium, HSDB, RTECs).
- 4. Material Safety Data Sheet from manufacturer.
- 5. US EPA Title III List of Lists October 2006 version.
- 6. California Proposition 65 List February 5, 2010 version.

<p><b>Prepared for:</b> Ferco Ferrures de bâtiment 2000, Rue Berlier Laval, Qué (Canada), H7L 4S4 Please direct all inquiries to Ferco Ferrures de bâtiment.</p>	
<p><b>Prepared by:</b> ICC The Compliance Center Inc. <a href="http://www.thecompliancecenter.com">http://www.thecompliancecenter.com</a></p>	

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