

Material Safety Data Sheet

Biolustre

1 . Product and company identification

Common name : Biolustre
Material uses : Rubber enhancer without silicone.
Supplier/Manufacturer : Les Savons Evy Inc.
 3460, 39th Avenue
 Montreal, QC, H1A 3V1
 Tel : (514) 642-9920
 Toll free : 1-800-715-6687
 Fax : (514) 642-4278
 Email : info@savonevy.com
In case of emergency : CANUTEC (613) 996-6666
MSDS authored by: : Kemika XXI Inc. + 1-450-435-7475

2 . Hazards identification

Physical state : Liquid. (Transparent.)
Odor : Odorless.
Hazard status : This material is classified as not hazardous under the WHMIS in Canada.
Emergency overview : No specific hazard.
 USE WITH CARE.
 Follow good industrial hygiene practice.
Routes of entry : Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects
Eyes : No known significant effects or critical hazards.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Potential chronic health effects : Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
 Mutagenic effects: Not available.
 Teratogenic effects: Not available.
Medical conditions aggravated by over-exposure : Repeated or prolonged exposure to the substance can produce target organs damage.
 See toxicological information (section 11)

3 . Composition/information on ingredients

Canada			
Name		CAS number	%
Glycerin, (Glycerol)		56-81-5	10 - 30

4 . First aid measures

Eye contact : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
Skin contact : Wash with soap and water. Get medical attention if symptoms occur.
Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.

- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Notes to physician** : No specific antidote. Medical staff must contact Poison Control Center.

5 . Fire-fighting measures

- Flammability of the product** : Non-flammable.
- Extinguishing media**
- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
 - Not suitable** : None known.
- Special exposure hazards** : No specific hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7 . Handling and storage

- Handling** : Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

8 . Exposure controls/personal protection

Canada

Product name

Glycerin, (Glycerol)

Exposure limits

ACGIH TLV (United States, 1/2005).

TWA: 10 mg/m³ 8 hour(s). Form: Mist

Consult local authorities for acceptable exposure limits.

- Engineering measures** : No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protection

- Eyes** : Safety glasses.
- Skin** : Lab coat.
- Respiratory** : A respirator is not needed under normal and intended conditions of use.
- Hands** : Disposable vinyl gloves.



HMIS Code/Personal protective equipment : A

Personal protection in case of a large spill : Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear. Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

9 . Physical and chemical properties

Physical state : Liquid. (Transparent.)
Odor : Odorless.
pH : Neutral.
Boiling/condensation point : The lowest known value is 100°C (212°F) (Water). Weighted average: 157°C (314.6°F)
Melting/freezing point : Weighted average: 5.96°C (42.7°F)
Relative density : Weighted average: 1.07 (Water = 1)
Vapor pressure : The highest known value is 2.3 kPa (17.5 mm Hg) (at 20°C) (Water).
Vapor density : Weighted average: 1.36 (Air = 1)
Evaporation rate : >1 (Glycerin, (Glycerol)) compared with Ether (anhydrous).
Solubility : Easily soluble in cold water, hot water, methanol, acetone.

10 . Stability and reactivity

Stability and reactivity : The product is stable.
Incompatibility with various substances : Reactive with oxidizing materials.
Hazardous polymerization : Will not occur.
Conditions of reactivity : Slightly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.

11 . Toxicological information

Toxicity data

Product/ingredient name	Test	Result	Route	Species
Glycerin, (Glycerol)	LD50	12600 mg/kg	Oral	Rat
	LD50	4090 mg/kg	Oral	Mouse
	LD50	7750 mg/kg	Oral	Guinea pig

Acute Effects

Eyes : No known significant effects or critical hazards.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Potential chronic health effects : Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
 Mutagenic effects: Not available.
 Teratogenic effects: Not available.
Target organs : Contains material which may cause damage to the following organs: kidneys.

12 . Ecological information

Ecotoxicity data			
Product/ingredient name	Species	Period	Result
Glycerin, (Glycerol)	Oncorhynchus mykiss (LC50)	96 hour(s)	54000 mg/l

- Environmental precautions** : No known significant effects or critical hazards.
- Products of degradation** : These products are carbon oxides and water.
- Toxicity of the products of biodegradation** : The product itself and its products of degradation are not toxic.

13 . Disposal considerations

- Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements.

14 . Transport information

- Regulatory information**
- UN/ IMDG/IATA/ TDG** : Not regulated.

15 . Regulatory information

- Canada**
- WHMIS (Canada)** : Not regulated.
DSL : All components listed.

This product has been classified in accordance with the hazard criteria of the Canadian CPR. This MSDS contains all the information required by the CPR.

- International lists** : This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

16 . Other information

Hazardous Material Information System :

HMIS RATING	
Health	* 1
Fire hazard	0
Physical Hazard	0
Personal protection	A

HAZARD RATINGS

4- Extreme
3- Serious
2- Moderate
1- Slight
0- Minimal

See section 8 for more detailed information on personal protection.

National Fire Protection Association (U.S.A.) :

Flammability

Reactivity

Special

- References** : ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005.
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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.