

MATERIAL SAFETY DATA SHEET
LM20 / LM60 / LM208

Canutec 1-613-996-6666 (24 hours)

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product identification : LM20 / LM60 / LM208
Product name : Liquid mask
Chemical family : Mixture
Supplier / Manufacturer : Auto-Chem Inc.
33 Royal
LeGardeur, QC, Canada
J5Z 4Z3
Tel : 450-654-9292
Fax : 450-654-0633
www.autochem.com
Contact : Jean Dagenais

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS</u>	<u>Percentage</u>	<u>Exposure limits</u>
Isopropanol	67-63-0	7 – 13	200 ppm TWA-ACGIH 400 ppm STEL-ACGIH LD50 >4710 mg/kg, rat, oral LD50 > 12870 mg/kg, lapin, dermal LC50 12000 ppm, 8 heures, rat, inhalation
1,2,3-Propanetriol	56-81-5	3 – 7	LD50 2000 mg/kg, rat, oral
Alcohol vinyl polymers + copolymers	9002-89-5 25213-24-5 54626-91-4	3 – 7	LD50 11000 mg/kg, rat, oral

3. HAZARDS IDENTIFICATION

Potential acute health effects :

Eye contact : Direct eye contact may cause temporary discomfort with mild redness and dryness.

Skin contact : Not a skin irritant.

Inhalation : Exposure to high concentrations of vapours may cause irritation of the respiratory tract, headaches, dizziness, nausea, loss of coordination and depression of the central nervous system.

Ingestion : Irritation of the upper gastro-intestinal tract. The product may cause nausea, headaches, dizziness, fatigue, depression of the central nervous system.

Potential chronic health effects :

Eye contact : None known.

Skin contact : None known.

Inhalation : None known.

Ingestion : None known.

4. FIRST AID MEASURES

Eyes : Rinse immediately with water 15 to 20 minutes. Remove contact lenses. Obtain medical attention if irritation develops.

- Skin : In case of direct contact, rinse with running water 15 to 20 minutes. Remove contaminated clothing and wash with soap and water.
- Inhalation : Remove person to fresh air. In case of respiratory failure, give artificial respiration. In case of respiratory distress, obtain medical attention.
- Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. In case of respiratory or cardiac arrest, start cardio-pulmonary resuscitation and obtain medical attention.

5. FIRE FIGHTING MEASURES

- Flash point : Not flammable
Auto-ignition temperature : Not determined
Flammability limits – air (%) : Not determined
Extinguishing media : Carbon dioxide (CO₂), water spray, according to the nature of the fire. Dry chemical powder or water can be used to cool containers.
Protective equipment : Fire fighters should wear full protective clothing, including self contained breathing equipment.
Hazardous combustion materials : Carbon monoxide, carbon dioxide, acrolein.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protection equipment.

- Small spill : Collect for elimination. Clean up remaining materials from spill with suitable absorbent.
- Large spill : Prevent entry into sewers or streams. Dike if needed. Clean up with suitable absorbent, collect and store in an appropriate container. Clean surfaces with water and soap.

7. HANDLING AND STORAGE

- Handling : Safety glasses and gloves.
- Storage : Keep container closed. Do not freeze.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : Local ventilation of work area is recommended.

Personal protection equipment for routine handling :

- Eye : Use adequate protection – safety glasses at a minimum.
Skin : Long sleeve clothes.
Gloves : Latex, nitrile, rubber, PVC.
Inhalation : Mask with approved organic vapour cartridge when product is used in a restricted area.

Personal protection equipment for spills :

- Eyes : Use adequate protection – safety glasses at a minimum.
Skin : Long sleeve clothes.
Gloves : Latex, nitrile, rubber, PVC.

Inhalation : Mask with approved organic vapour cartridge.

Note : These precautions are for room temperature handling. Use at elevated temperatures of aerosol spray applications may require added protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid
Colour : Colourless
Odour : Pleasant
pH @ 1% : 7 to 8
Relative density (g/cm³) : Not available
Boiling point : 100 C
Freezing point : 0 C
Vapour pressure : Not available
Volatiles (weight) : 90.5 %
Solubility (water) : Soluble
VOC (%) : < 10.25
Viscosity : Not available

10. STABILITY AND REACTIVITY

Chemical stability : Stable.
Hazardous polymerization : No.
Conditions to avoid : None known.
Materials to avoid : Strong acids.
Dangerous decomposition products : Carbon monoxide, carbon dioxide, acrolein.

11. TOXICOLOGICAL INFORMATION

Ingredient	CAS	Percentage	Exposure limits
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12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Waste disposal method : Dispose according to municipal, provincial and federal regulations.
Contaminated packaging : According to municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

WHIMS : D2B Materials causing other toxic effects.

DSL : All components of this product are either on the Domestic Substance List (DSL), the Non-Domestic Substance List (NDSL) or exempt.

TSCA : U.S. TSCA Inventory Status : All components of this product are either on the Toxic Substances Control Act Inventory List or exempt.

16. OTHER INFORMATION

Prepared by : Danielle Gonthier, chemist

Date : June 2nd, 2010

Notice to reader :

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