



**MATERIAL SAFETY DATA SHEET**  
**655-008**

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

**1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

Product identification : 655-008  
Product name : Scratch Off  
Chemical family : Mixture  
Supplier / Manufacturer : Auto-Chem Inc.  
33 de Lyon  
Repentigny, QC, Canada  
J5Z 4Z3  
Tel : 450-654-9292  
Fax : 450-654-0633  
www.autochem.com  
Contact : Jean Dagenais

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	CAS	Percentage	Exposure limits
Amorphous silicate	61790-53-2	10 – 30	TLV TWA 10 mg/m <sup>3</sup> , ACGIH
Aluminium silicate	66402-68-4	7 – 13	TLV TWA 2 mg/m <sup>3</sup>
Aliphatic petroleum dist.	64742-48-9	7 – 13	DL50 >5000 mg/kg, rat, oral DL50 >3000 mg/kg, rabbit, dermal
Mineral oil	8042-47-5	10 - 30	DL50 50000 mg/kg, rat, oral DL50 2000 mg/kg, rabbit, dermal TLV TWA 5 mg/m <sup>3</sup> , ACGIH STEL 10 mg/m <sup>3</sup> , ACGIH
1,2,3-Propanetriol	56-81-5	3 – 7	TLV TWA 5 mg/m <sup>3</sup> , OSHA DL50 2000 mg/kg, rat, oral TLV TWA 10 mg/m <sup>3</sup> , ACGIH

**3. HAZARDS IDENTIFICATION**

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects :

Eye contact : Can cause eye irritation, stinging, tearing, redness, and swelling of the eyes.  
Skin contact : May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns in some cases.  
Inhalation : Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.  
Ingestion : Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

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 or a saline solution for 15 to 20 minutes, lifting upper and lower eyelids. 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 : Non flammable.  
Auto-ignition temperature : Not applicable.  
Flammability limits – air (%) : Not applicable.  
Extinguishing media : Carbon dioxide, pulverized water. Dry chemical powder or water can be used to cool containers.  
Protective equipment : Firefighters should wear appropriate protection equipment and autonomous respiratory apparatus.  
Hazardous combustion materials : Carbon oxides.

#### 6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protection equipment.

Small spill : Pick up for elimination. Clean residues with appropriate absorbent.

Large spill : Prevent material from entering sewers or waterways. Dig if necessary. Pump (if possible) and store in appropriate container. Clean surfaces to remove risk of slipping. Final cleaning may require steam, solvents or detergents.

#### 7. HANDLING AND STORAGE

Handling : Safety glasses or goggles and chemical resistant gloves.

Storage : Keep container closed. Do not freeze.

#### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : General ventilation of the work area is recommended.

Personal protection equipment for routine handling :

Eye : Use adequate protection – safety glasses or better.

Skin : Washing before meals and at end of shift should be adequate.

Gloves : Chemical resistant gloves.

Inhalation : Not necessary under normal conditions.

Personal protection equipment for spills :

Eyes : Use adequate protection – safety glasses or better. Prevent contact with eyes.

Skin : Cleaning before meals and at end of shift should be adequate.

Gloves : Chemical resistant gloves.

Inhalation : Not necessary under normal conditions.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Viscous liquid.  
Colour : Beige, opaque.  
Odour : Fruity.  
pH @ 1% : 8.05  
Relative density (g/cm<sup>3</sup>) : 1.14  
Boiling point : 100 C  
Freezing point : 0 C  
Vapour pressure : Not available.  
Volatiles (weight) : Not determined.  
Solubility (water) : Miscible.  
VOC (%) : Not determined.  
Viscosity : Not determined.

## 10. STABILITY AND REACTIVITY

Chemical stability : Stable  
Hazardous polymerization : None known.  
Conditions to avoid : None known.  
Materials to avoid : Strong oxidants, acids.  
Dangerous decomposition products : Carbon dioxide, carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

Ingredient	CAS	Percentage	Exposure limits
Amorphous silicate	61790-53-2	10 – 30	TLV TWA 10 mg/m <sup>3</sup> , ACGIH
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1,2,3-Propanetriol	56-81-5	3 – 7	DL50 2000 mg/kg, rat, oral TLV TWA 10 mg/m <sup>3</sup> , ACGIH

Potential acute health effects :

Eye contact : Can cause eye irritation, stinging, tearing, redness, and swelling of the eyes.

Skin contact : May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns in some cases.

Inhalation : Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.  
Ingestion : Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Potential chronic health effects :

Carcinogenic effects: None known.  
Mutagenic effects: None known.  
Teratogenic effects: None known.

**12. ECOLOGICAL INFORMATION**

<u>Ingredient</u>	<u>CAS</u>	<u>Test</u>	<u>Species</u>
1,2,3-Propanetriol	56-81-5	LC50 >5000mg/l 24hrs	Carassius auratus

Do not let material or fire-control run-off enter sewers or waterways. Some components are toxic to aquatic life.

**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 : Auto-Chem Inc.

Date : Sept. 2015

Notice to reader :

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