



MATERIAL SAFETY DATA SHEET 180-016

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

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product identification : 180-016
Product name : Graffiti remover
Chemical family : Mixture
Supplier / Manufacturer : Auto-Chem Inc.
33 de Lyon
Repentigny, QC, Canada
J5Z 4Z3
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Contact : Jean Dagenais

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS</u>	<u>Percentage</u>	<u>Exposure limits</u>
Benzyl alcohol	100-51-6	30 - 60	LD50 1230 mg/kg (oral, rat)
Glycolic acid	79-14-1	3 - 7	LD50 1950 mg/kg (oral, rat)
Dimethyl sulfoxide	67-68-5	1 - 5	LD50 14500 mg/kg (oral, rat)
D-Limonene	5989-27-5	3 - 7	LD50 4400 mg/kg (oral, rat)
Phosphate ester of alcohol ethoxylate	68585-36-4	1 - 3	Not available.
Polyoxyethoxylated oleyl amine	58253-49-9	10 - 30	Not available.

3. HAZARDS IDENTIFICATION

Potential Acute Health Effects

Eye contact: Will cause irritation.
Skin contact: Prolonged or frequent skin contact may cause irritation.
Inhalation: Inhaling mist will irritate respiratory passages.
Ingestion: Will cause gastrointestinal irritation if swallowed..

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 saline solution 15 to 20 minutes, lifting the 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 : 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 oxides, nitrogen oxides, sulphur oxides.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protection equipment.

Small spill : Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium bicarbonate or equivalent. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large spill : Absorb with an inert material and put the spilled material in an appropriate waste disposal. Neutralize the residue with a dilute solution of sodium bicarbonate or equivalent. Dispose according to all federal, state and local applicable regulations

7. HANDLING AND STORAGE

Handling : Safety glasses and gloves.

Storage : Keep container closed. Do not freeze.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : General 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 : Not required for routine handling.

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 :	Amber
Odour :	Fruity
pH @ 1% :	2 to 3
Relative density (g/cm ³) :	1.02
Boiling point :	Not determined
Freezing point :	Not determined
Vapour pressure :	Not determined
Volatiles (weight) :	Not determined
Solubility (water) :	Soluble
VOC (%) :	Not determined
Viscosity (cps):	Not determined

10. STABILITY AND REACTIVITY

Chemical stability :	Stable.
Hazardous polymerization :	No.
Conditions to avoid :	None known.
Materials to avoid :	Strong acids, strong oxidants, alkalis.
Dangerous decomposition products :	Carbon oxides, nitrogen oxides, sulphur oxides.

11. TOXICOLOGICAL INFORMATION

Ingredient	CAS	Percentage	Exposure limits
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Potential Acute Health Effects

Eye contact:	Will cause irritation.
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Ingestion:	Will cause gastrointestinal irritation if swallowed..

Potential Chronic Health Effects

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

12. ECOLOGICAL INFORMATION

The product is readily biodegradable. Degradation products are : carbon oxides, nitrogen oxides and sulphur oxides.

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 Toxic materials having other 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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