



**MATERIAL SAFETY DATA SHEET**  
**731-008 / 732-016 / 732-032 / 733-01 / 734-05**

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

**1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

Product identification : 731-008 / 732-016 / 732-032 / 733-01 / 734-05  
Product name : HI PERFORMANCE  
Synonyms : Hi-performance wheel cleaner  
Chemical family : Mixture  
Supplier / Manufacturer : Auto-Chem Inc.  
33 de Lyon  
Repentigny, QC, Canada  
J5Z 4Z3  
Tel : 450-654-9292  
Fax : 450-654-0633  
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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>
Glycolic acid	79-14-1	5 – 10	LD50 1938 mg/kg, rat, oral LC50 3.6 mg/L, 4 hrs, rat
Oxalic acid	6153-56-6	5 – 10	LD50 375 mg/kg, rat, oral TWA 1 mg/m <sup>3</sup> STEL 2 mg/m <sup>3</sup>
Tallow amine	61791-26-2	5 – 10	No data.

**3. HAZARDS IDENTIFICATION**

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

Potential acute health effects :

Eye contact : Liquid can cause an irritation or burn of the cornea.  
Skin contact : Liquid can cause burns, redness, irritation and inflammation.  
Inhalation : Can irritate the nose, throat and respiratory system.  
Ingestion : Ingestion can cause severe burns of the mouth, throat and stomach and can be fatal.

Potential chronic health effects :

Eye contact : Overexposure can cause irreversible damages to the cornea.  
Skin contact : See above.  
Inhalation : See above.  
Ingestion : Harmful if swallowed.

**4. FIRST AID MEASURES**

Eyes : Rinse immediately with water or a saline solution for 15 to 20 minutes, lifting the upper and lower eyelids. Remove contact lenses. Obtain immediate medical attention.

- Skin : In case of direct contact, rinse with running water 15 to 20 minutes. Remove contaminated clothing and wash with soap and water. Obtain medical attention if symptoms occur or if a large area is affected.
- Inhalation : Remove person to fresh air. In case of respiratory failure, give artificial respiration. In case of respiratory distress, obtain medical attention.
- Ingestion : Give milk or water. 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. Get immediate medical attention.

## 5. FIRE FIGHTING MEASURES

- Flash point : Does not apply.  
Auto-ignition temperature : Does not apply.  
Flammability limits – air (%) : LEL: UEL:  
Extinguishing media : Suitable for cause of fire.  
Protective equipment : Firefighters must wear adequate protective equipment and NIOSH/MSHA approved autonomous masks.  
Hazardous combustion materials : Carbon oxides, nitrogen oxides.  
Recommendations: Move containers away from the source of fire if safe to do so. Do not disperse product with high pressure water jets. Dam water run-off. Cool containers with water.

## 6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protection equipment. Limit access of spill area to qualified personnel. Good ventilation is necessary. Do not touch spilled product. Prevent spilled product from reaching sewers or waterways. Stop or restrain leak if safe to do so.

- Small spill : Contain and absorb product with a non-reactive absorbent material. Neutralize with a weak solution of sodium bicarbonate. Clean with water. Store residues in a closed container and identify for elimination.
- Large spill : Contain and absorb product with a non-reactive absorbent material. Neutralize with a weak solution of sodium bicarbonate. Clean with water. Store residues in a closed container and identify for elimination.

## 7. HANDLING AND STORAGE

- Handling : Do not breathe vapours or aerosol. Avoid contact with eyes or skin by wearing appropriate equipment. Avoid contact with incompatible materials. Wash carefully after handling the product. Clean contaminated clothing before reuse. Empty containers may contain residue. Eliminate according to current regulations.
- Storage : Store in a cool and dry area, well ventilated and away from incompatible products. Keep from freezing.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : Use local ventilation to control vapours and aerosols.

Personal protection equipment for routine handling :

Eye : Splash goggles.  
Skin : Long sleeves, lab coat.  
Gloves : Impermeable gloves.  
Inhalation : If necessary, use NIOSH/MSHA approved mask.

Personal protection equipment for spills :

Eyes : Splash goggles.  
Skin : Impermeable clothes.  
Gloves : Impermeable gloves, chemical resistant.  
Inhalation : NIOSH/MSHA approved mask. If in an enclosed space, an autonomous mask is recommended.

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 : Transparent liquid.  
Colour : Green.  
Odour : Sweet.  
pH @ 1% : 2.95  
Relative density (g/cm<sup>3</sup>) : 1.04  
Boiling point : 100 C  
Freezing point : 0 C  
Vapour pressure : Not determined.  
Volatiles (weight) : Not determined.  
Solubility (water) : Soluble.  
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 : Alkalis, strong oxidants.  
Dangerous decomposition products : Carbon oxides, nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

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Potential acute health effects :

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Inhalation : Can irritate the nose, throat and respiratory system.  
Ingestion : Ingestion can cause severe burns of the mouth, throat and stomach and can be fatal.

Potential chronic health effects :

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

## 12. ECOLOGICAL INFORMATION

Ingrédient	CAS	Test	Species
Glycolic acid	79-14-1	LC50, 24-48hrs 93mg/l	Bluegill sunfish
Oxalic acid	6153-56-6	LC50, 4000 mg/l LC50, 1350 mg/l	Bluegill sunfish Mosquito fish

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or public waterways. Block off drains and ditches. Spill areas must be cleaned and restored to original condition or to the satisfaction of authorities. May be harmful 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.  
E Corrosive materials.

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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