



**MATERIAL SAFETY DATA SHEET**  
**995-01**

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

**1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

Product identification : 995-01  
Product name : Tire mounting grease  
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
Recycled cooking oil	Not available	10 – 30	Aucune donnée.
Stodard solvent	8052-41-3	7 – 13	LD50 5000 mg/kg, rat, oral LD50 > 3000 mg/kg, rabbit, dermal LC50 >5500 mg/m <sup>3</sup> /4hrs, rat TLV TWA 100 ppm, ACGIH PEL TWA 100 ppm, OSHA IDLH 20000 mg/m <sup>3</sup>
Stearic acid	51-11-4	3 – 7	LD50 >10000 mg/kg, rat, oral
Oleic acid	112-80-1	3 – 7	LD50 25000 mg/kg, rat, oral LC50 30mg/m <sup>3</sup> /4 hrs, rat
Monoethanolamine	141-43-5	1 – 5	LD50 1090 mg/kg, rat, oral LD50 1000 mg/kg, rabbit, dermal TLV TWA 3 ppm, ACGIH STEL TWA 6 ppm, ACGIH

**3. HAZARDS IDENTIFICATION**

Potential acute health effects :

Eye contact : Direct eye contact may cause temporary discomfort with mild redness and dryness.  
Skin contact : A single prolonged exposure (24 to 48 hours) causes no known adverse effects.  
Inhalation : No irritation to respiratory passages is expected from relatively short exposures of less than 8 hours.  
Ingestion : Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

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 determined
- Auto-ignition temperature : Not applicable
- Flammability limits – air (%) : Not applicable
- Extinguishing media : Carbon dioxide (CO<sub>2</sub>), 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 dioxide, carbon monoxide, traces of incompletely burned carbon compounds.

## **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. Pump (if possible) and store in a suitable container. Clean surfaces to reduce risk of slippage. Final cleaning may require steam, solvents or detergents.

## **7. HANDLING AND STORAGE**

- Handling : Safety glasses and chemicals resistant 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 : Washing before meals and at end of shift is adequate.
- Gloves : Chemicals resistant gloves.
- Inhalation : Not needed under normal conditions.

Personal protection equipment for spills :

Eyes : Use adequate protection – safety glasses at a minimum.  
 Skin : Washing before meals and at end of shift is adequate.  
 Gloves : Chemicals resistant gloves.  
 Inhalation : Not needed under normal conditions.

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 : Gel  
 Colour : Beige, opaque  
 Odour : Oil  
 pH @ 1% : 9.0  
 Relative density (g/cm<sup>3</sup>) : 0.98  
 Boiling point : Not determined  
 Freezing point : Not determined  
 Vapour pressure : Not available  
 Volatiles (weight) : Not determined  
 Solubility (water) : Partial  
 VOC (%) : Not determined  
 Viscosity : Not available

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

Ingredient	CAS	Percentage	Exposure limits
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Ingestion : Small amounts transferred to the mouth by fingers during use should not injure.  
Swallowing large amounts may cause digestive discomfort.

Potential chronic health effects :

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

**12. ECOLOGICAL INFORMATION**

Ingredient	CAS	Test	Species
Monoethanolamine	141-43-5	LC50, 125 mg/l/96 hrs	Pimiphales promelas
		LC50 170 mg/l/96 hrs	Carassius auratus
		LC50 33 mg/l	Daphnia mabna

Do not allow product or water run-off to enter sewers or waterways. Some components are toxic to aquatic life. Some components have a slight potential for bioaccumulation.

**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 having 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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