



**MATERIAL SAFETY DATA SHEET**  
**830-008 / 830-016 / 830-032 / 831-01 / 832-05 / 833-55**

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

**1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

Product identification : 830-008 / 830-016 / 830-032 / 831-01 / 832-05 / 833-55  
Product name : CLEAN ALL  
Synonyms : Universal cleaner and degreaser  
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
Sodium metasilicate	6834-92-0	5 – 10	LD50 770 mg/kg, rat, oral
Glycol ether EB	111-76-2	1 – 5	TLV TWA 20 ppm (ACGIH) PEL TWA 50 ppm (OSHA) REL TWA 5 ppm (NIOSH)
EDTA	64-02-8	1 – 5	LD50 3030 mg/kg, rat ♂, oral
B-Alanine, N-(2-carboxyethyl)- N-(3-(octyloxy)propyl)- sodium salt (1:1)	64972-18-2	1 – 5	No data

**3. HAZARDS IDENTIFICATION**

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

Potential acute health effects :

Eye contact : Direct contact with eyes can cause a severe irritation, including pain, redness and reversible damages to the cornea.  
Skin contact : Can cause a severe irritation of the skin, including redness, inflammation and itching.  
Inhalation : Can cause an irritation of the respiratory tract, coughing, sneezing, breathing difficulties and irritation of the throat.  
Ingestion : Ingestion can cause irritation of the gastro-intestinal tract, including nausea and vomiting. Harmful if swallowed.

Potential chronic health effects :

Eye contact : Overexposure can cause irreversible damages to the cornea.  
Skin contact : Prolonged or repeated exposure can cause allergic reactions.  
Inhalation : None known.  
Ingestion : Harmful if swallowed.

**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 : Does not apply.
- Flammability limits – air (%) : Does not apply.
- Extinguishing media : Carbon dioxide, pulverized water. Dry chemical powder or water can be used to cool containers.
- Protective equipment : Firefighters should wear complete protective equipment as well as autonomous breathing apparatus.
- Hazardous combustion materials : Carbon oxides.

## 6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protection equipment.

- Small spill : Pick up for disposal. Clean residues with appropriate absorbent. Neutralize with a weak solution of acetic acid.
- Large spill : Prevent spilled material from entering sewers or waterways. Dig if necessary. Pump (if possible) and store in appropriate container. Clean surfaces to prevent slippage. Neutralize with a weak solution of acetic acid.

## 7. HANDLING AND STORAGE

- Handling : Safety glasses and chemicals resistant gloves.
- Storage : Keep container closed. Keep from freezing.

## 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 or better.
- Skin : Washing before meals and after work shift is adequate.
- Gloves : Chemicals resistant gloves.
- Inhalation : Not necessary under normal conditions.

Personal protection equipment for spills :

Eyes : Use adequate protection – safety glasses or better. Avoid contact with eyes.  
 Skin : Washing before meals and after work shift is adequate.  
 Gloves : Chemicals 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 : Transparent liquid.  
 Colour : Colourless.  
 Odour : Sweet.  
 pH @ 1% : 11 – 12.5  
 Relative density (g/cm<sup>3</sup>) : 1.0 – 1.1  
 Boiling point : 100 C  
 Freezing point : 0 C  
 Vapour pressure : Not available.  
 Volatiles (weight) : Not determined.  
 Solubility (water) : Soluble.  
 VOC (%) : Not determined.  
 Viscosity : Not available.

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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### 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>
EDTA	64-02-8	LD50 >100 mg/l LD50 1030 mg/l	Pimephales promelas Lepomis macrochirus

## 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 : D2A 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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