

# ECONO CHEM SAFETY DATA SHEET

## 1. IDENTIFICATION

**Product Identifier:** ECONO CLEAN **Revision Date:** January 3, 2024  
**Product Code:** 552  
**Other Name(s):**  
**Distributed By:** Econo-Chem  
**Recommended Use & Restrictions on Use:** Multi-Purpose Cleaner/Degreaser

**Manufactured For:** ECONO-CHEM Phone: 1-800-287-7501  
2-2660 Kyle Road In case of Emergency Only, phone  
West Kelowna, BC V1Z 2N1 CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification of Mixture:** Eye Damage/Irritation – Category 2A  
Skin Corrosion/Irritation – Category 2  
Specific Target Organ Toxicity (Single Exposure) – Category 3

### Label Elements:



Hazard Pictogram(s):

**Signal Word:** WARNING

**Hazard Statements:** Causes serious eye irritation.  
Causes mild skin irritation.

### Precautionary Statements:

**Prevention:** Do not breathe dusts or mists.  
Wash hands thoroughly after handling.  
Wear protective gloves, protective clothing, and eye/face protection.  
Use only outdoors or in a well-ventilated area.  
Keep only in original packaging.

**Response:** **IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting. Immediately call a poison centre or physician.  
**IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.  
**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or physician.  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison centre or physician.

**Storage:** Store locked up.  
Store in well ventilated place.  
Keep container tightly sealed.  
Store in corrosion resistant container with a resistant inner liner.

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Disposal: Dispose of the contents/container in accordance with local/regional/national/international regulations.

**Physical/health hazards not otherwise classified:**

Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc.</u>	<u>CAS #</u>	<u>Common Names</u>
Ethylene Glycol Monobutyl Ether	2 -5%	111-76-2	
Sodium Metasilicate	2-5%	6834-92-0	
Soda Ash	1-3%	597-19-8	
Isopropyl Alcohol	1-3%	67-63-0	

### 4. FIRST AID MEASURES

**Necessary Measures:**

**IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting. Immediately call a poison centre or physician.

**IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or physician.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison centre or physician.

**Most important symptoms – acute and delayed:**

Causes serious eye damage.

Causes severe skin burns and eye damage.

May cause respiratory irritation.

**Indication of immediate medical attention and treatment needed, if necessary:**

Not applicable

### 5. FIRE FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:**

Use extinguishing media appropriate for surrounding fire.

**Specific hazards arising from the chemical (e.g.: hazardous combustion products):**

Hydrogen and chlorine gas formed at temperatures over 1500C

**Specific protective equipment and precautions for firefighters:**

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing equipment.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Wear appropriate protective equipment. See Section 8.

**Environmental precautions:**

Prevent from entering sewers, waterways or low areas.

**Methods and materials for containment and cleaning up:**

Isolate hazard area and restrict access. Small spills: soak up with absorbent material and scoop into containers.

Large spills: Prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling:

- Do not breathe dusts or mists.
- Wash hands thoroughly after handling.
- Use only outdoors in a well ventilated area.
- Do not ingest. Avoid contact with eyes, skin and clothing.

### Conditions for safe storage, including any incompatibilities:

- Store locked up.
- Store in a well ventilated place.
- Keep container tightly closed.
- Keep out of reach of children. Store in a cool, dry place.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Control Parameters – Exposure limits:

<u>Ingredient:</u>	<u>Limit:</u>
Ethylene Glycol Monobutyl Ether	ACGIH TLV-A: 20ppm
Sodium Metasilicate	not available
Soda Ash	not available
Isopropyl Alcohol	ACGIH TLV-TWA: 200ppm

### Appropriate engineering controls:

- Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

### Respiratory protection:

- If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

### Other protection:

- Wear protective gloves, protective clothing and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark blue/green liquid
<b>Odour:</b>	Mild odour
<b>Odour threshold:</b>	Not available
<b>pH:</b>	12-14
<b>Melting/Freezing point:</b>	-8 Deg C
<b>Initial boiling point and range:</b>	99 Deg C
<b>Flash point:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	Not available
<b>Vapour pressure:</b>	Not available
<b>Vapour density:</b>	Not available
<b>Relative density (specific gravity):</b>	1.02
<b>Solubility (ies):</b>	Complete
<b>Partition co-efficient n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	Not available

**10. STABILITY AND REACTIVITY****Reactivity:**

This material is considered to be non-reactive under normal use conditions.

**Possibility of hazardous reactions:**

Stable.

**Conditions to avoid:**

Not available.

**Incompatible materials:**

Not available.

**Incompatible materials:**

No.

**Hazardous decomposition products:**

Not available.

**11. TOXICOLOGICAL INFORMATION****POTENTIAL HEALTH EFFECTS**

<b>Inhalation:</b>	May cause respiratory tract irritation.
<b>Ingestion:</b>	May be harmful if swallowed.
<b>Eye contact:</b>	Causes mild eye damage.
<b>Skin contact:</b>	Causes mild skin irritation.
<b>Skin absorption:</b>	Not available
<b>Mutagenicity:</b>	Not available
<b>Carcinogenicity:</b>	This information, if applicable, can be found in Section 2.
<b>Reproductive toxicity:</b>	This information, if applicable, can be found in Section 2
<b>Sensitization of product:</b>	This information, if applicable, can be found in Section 2
<b>Specific Target Organ Toxicity – single exposure:</b>	This information, if applicable, can be found in Section 2
<b>Specific Target Organ Toxicity – repeated exposure:</b>	This information, if applicable, can be found in Section 2

**Toxicological Data:**Ingredient

Ethylene Glycol Monobutyl Ether  
Sodium Metasilicate  
Soda Ash  
Isopropyl Alcohol

Data

Oral LD50: ppm/7hr (mouse)  
N/A  
1,280mg/kg (rat)  
5,840 mg/kg (rat) 16,000 ppm/8 hr (rat)

**Other Toxicological Information on Ingredients**

Not applicable

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	Not available
<b>Persistence and degradability:</b>	Not available
<b>Bioaccumulative potential:</b>	Not available
<b>Mobility in soil:</b>	Not available
<b>Other adverse effects:</b>	Not available
<b>Ecological Information on Ingredients:</b>	Not available

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Dispose all waste according to local, provincial and federal regulations.

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## 14. TRANSPORT INFORMATION

**TDG Classification:** NON-REGULATED

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

## 16. PREPARATION INFORMATION

**Prepared by:** Technical Services Department, Concept Manufacturing Ltd., Ph: 250-491-5656

**Date of Preparation:** January 3, 2024

**Date of Revision:** January 3, 2024

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and permission of Concept Manufacturing Ltd.

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