

**SAFETY DATA SHEET**

**AGCARE™ ACETOCHLOR 840**

**SECTION 1: Identification of the substance and supplier**

**Product name:** AGCARE ACETOCHLOR 840  
**Recommended Use:** Selective herbicide, for use in maize, sweetcorn

**Company:** Grosafe Chemicals Ltd.  
**Address:** 20 Jean Batten Drive, Mt Maunganui 3116 ( P.O. Box 14450 Tauranga )  
**Email:** [info@grosafe.co.nz](mailto:info@grosafe.co.nz)  
**Telephone Toll Free Number:**  
**Emergency Telephone Number:** 0800 CHEMCALL ( 0800 243622 )  
**(EMERGENCIES ONLY)**

**Date of Issue:** January 2017

**SECTION 2: Hazards Identification**

**HSNO Hazard Classification:** 6.1D, harmful by ingestion, 6.3A, skin irritant, 6.4A, eye irritant, 6.9B, harmful to human target organs, 9.1A, very toxic to aquatic organisms, 9.2A, very toxic to soil / plant organisms, 9.3C, harmful to terrestrial vertebrates.

**SECTION 3: Composition/information on ingredients**

<u>Ingredients</u>	<u>CAS Number</u>	<u>Content</u>
aceto chlor	34256-82-1	840 g/l
dichlor mid	37764-25-3	100 – 120 g/l
aromatic solvent	64742-94-5	< 50 g/l

**SECTION 4: First Aid Measures**

In case of poisoning by any route contact a doctor or Poisons Information Centre.

**Swallowed:** If large quantities are ingested, drink plenty of water. Do not induce vomiting. Immediately contact a doctor or Poisons Information Centre.

**Eye:** Flush eyes with large quantities of water for 15 minutes. Seek medical advice.

**Skin:** If contact occurs remove contaminated clothing and wash affected areas thoroughly with soap and water. Consult a doctor if irritation persists.

**Inhaled:** Move affected person to fresh air and keep at rest until recovered.

**Advise to Doctor:** No specific antidote is available. If poisoning is suspected apply symptomatic therapy. Contact Poisons Information Centre ( 0800 POISON (0800 764 766) for more information.

## SECTION 5: Fire Fighting Measures

Dangerous Goods Class:	3082
Extinguishing media:	Fine water spray or foam. HAZCHEM: 2X
Special exposure hazards:	None
Fire and Explosive Properties:	May form hazardous decomposition products
Flammability:	Non-flammable. Flashpoint > 100 °C.

## SECTION 6: Accidental Release Measures

In Case of Spill or Leak: Control the spill at its source. Contain the spill to prevent it from spreading, contaminating soil, or entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with water plus detergent. Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposal.

## SECTION 7: Handling and Storage

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store with food or drink. Wash thoroughly with soap and water after handling.

## SECTION 8: Exposure Control/Personal Protection

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

**Ingestion:** Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material, Wash thoroughly with soap and water after handling.

**Eye Contact:** Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Skin Contact:** Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.

**Inhalation:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits.

## SECTION 9: Physical and Chemical Properties

Appearance:	Amber coloured viscous liquid
Odour:	Characteristic, aromatic
pH:	ca. 6.0 ( 1% emulsion in water )
Boiling Point:	Not available
Flammable (Explosive) Limits:	Non flammable
Explosive Properties:	Not explosive
Oxidizing Properties:	Not an oxidizing agent
Vapour Pressure:	Not determined
Relative density:	1.12 g/cm <sup>3</sup>
Solubility:	Readily emulsifiable in water

## SECTION 10: Stability and Reactivity

Stability:	Stable
Conditions to avoid:	None
Materials to avoid:	Oxidising materials
Hazardous Decomposition Products:	May be formed at high temperatures
Hazardous Polymerisation:	Will not occur

## SECTION 11: Toxicological Information

LD <sub>50</sub> Information ( acute toxicity )	
Oral	LD <sub>50</sub> ~ 1600 mg/kg (rat). Can cause gastrointestinal irritation.
Dermal	LD <sub>50</sub> ~ 2000 mg/kg (rabbit)
Inhaled	may cause nasal irritation
Eye	may cause irritation
Chronic toxicity	
Mutagenicity:	Not expected
Reproductive Toxicity:	Not expected
Carcinogenicity:	Not expected

## SECTION 12: Environmental Information

Mobility:	Relatively immobile. Koc: 150 - 500
Bioaccumulation:	BCF: 100 - 3000
Ecotoxicity:	Very toxic to aquatic organisms)
	Slightly toxic to birds ( LD <sub>50</sub> : 500 – 2000 )
	Very low dietary toxicity to birds ( LD <sub>50</sub> : > 5000 )
	<b>Highly toxic to some ( annual ) plants</b>

## SECTION 13: Disposal Considerations

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to regional or local body bylaws.

## SECTION 14: Transport Information

Scheduled as Dangerous Goods for Transport Purposes

UN Number: 3082

UN Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID ( acetochlor )

UN Classification: Class 9

UN Packing Group: III

## SECTION 15: Regulatory Information

**AGCARE ACETOCHLOR 840** is a registered product under the ACVM Act 1997 No P8578 .

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

**AGCARE ACETOCHLOR 840** is approved under the HSNO Act 1996 ( HSR 000 404 ).

See [www.ermanz.govt.nz](http://www.ermanz.govt.nz) for approval conditions

Note: The information contained herein is given in good faith, but no warranty, expressed or implied, is made. Consult Grosafe Chemicals Ltd. for further information.