

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name	Acetoken 840 EC Herbicide
Company Name	Kenso Corporation (M) Sdn Bhd
Address	2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand
Telephone	(0800 536 766
Emergency Telephone	0800 CHEMCALL (0800 243 622) (24 hours)
National Poisons Centre	0800 POISON (0800 764 766) (24 hours)
Use	For the selective pre-mergence control of annual grasses and many broadleaf weeds in GRAIN AND SILAGE MAIZE and SWEETCORN.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Pictograms	
Hazard Classification	6.1D, 6.4A, 6.5B, 6.9B, 9.1A, 9.2A, 9.3C
Priority Identifier	HARMFUL ECOTOXIC
Secondary Identifier	KEEP OUT OF REACH OF CHILDREN 6.1D = May be harmful if swallowed, inhaled or absorbed through the skin. 6.4A = Cause eye irritation 6.5B = May cause sensitisation by skin contact 6.9B = Danger of serious damage to health by prolonged exposure 9.1A = Very toxic to aquatic organisms 9.2A = Very toxic to the soil environment. 9.3C = Harmful to terrestrial invertebrates

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Proportion
Acetochlor	34256-82-1	84.0% w/v
Inert ingredient	secret	To 100% w/v

SECTION 4 – FIRST AID MEASURES

Ingestion	If swallowed, DO NOT induce vomiting. Seek medical advice or contact Poisons Information Centre (Ph 0800 POISON – 0800 764 766)
Eye	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open.
Skin	Remove contaminated clothing and launder well before use. Wash affected areas or skin thoroughly with soap and water. Seek medical advice if irritation develops.
Inhalation	Remove to fresh air until recovered. If symptoms persist, seek medical advice.
Advice to Doctor	Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard	May produce irritating vapours under fire conditions. Combustible liquid. Breathable air apparatus may be required in confined spaces.
HAZCHEM Code	2X
IER Guide No	47
Extinguishing Media	Extinguish fire with foam, dry powder, carbon dioxide or water spray.
Fire Fighting Instructions	Evacuate personnel to a safe area. Always wear positive-pressure self-contained breathing apparatus and full protective clothing. Do not allow water from fire-fighting to enter water supplies or drainage systems.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	For appropriate personal protective equipment (PPE), refer to section 8.
Spillage	Contain spill and absorb with non-organic absorbent materials such as sand,

zeolite clay or proprietary absorbent (vermiculite). Prevent from entering drains, waterways or sewers. Collect contaminated absorbents in sealed open top containers for disposal. Wash area with detergent and water and absorb washings with further inert material. Dispose of recovered material through a designated hazardous substances disposal facility or contact the local regional/district council for disposal information.

SECTION 7 – HANDLING AND STORAGE

Storage	Keep out of reach of children. Store under lock and key, in original container, tightly closed, away from human and animal foodstuffs, medicines and remedies, seeds and fertilisers. Segregate from incompatible hazardous substances (Classes 1, 4 & 5). Store in a cool, dry, well ventilated place and protect from sunlight.
Handling	Avoid contact with skin and eyes and inhalation of concentrate or spray mist. When using, do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.
Handler Competence	Persons responsible for the storage, handling, mixing, applying or disposing of this product must be trained, experienced or supervised in accordance with requirements for class 6 and 9 substances of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C .
Additional Requirements	All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2004 'Management of Agrichemicals', and relevant local and regional council plans.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls	Handle in well ventilated areas, generally natural ventilation is adequate. Follow precaution statements on the label and the use and safety directions in Code of Practice for the Management of agrichemical NZS8409.
Personal Protection	Use only protective equipment bearing the mark of the Standards Association of Australia/ New Zealand. When mixing, using or controlling spillswear full respiratory protection (at least to organic vapour standard) eye protection, chemical resistant; coveralls, footwear and gloves.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	Yellow to amber
Odour	Characteristic odour
Specific gravity	1.09 ± 0.01
Flash point (°C)	NA
Flammability Limits	Non combustible
Miscibility	Emulsify
Oxidising properties	Not oxidising
Explosive properties	Not explosive

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Incompatibility	Incompatible with strong acids and bases, oxidizing agents.
Hazardous Reactions	No

SECTION 11 – TOXICOLOGICAL INFORMATION

This section describes effects which could occur if this product is not handled in accordance with this data sheet.

Toxicology Information	No specific toxicological data is available for this product. Data below Information is for active constituent.
Acute Toxicity	Acute Oral, LD ₅₀ (rat) 4640 mg/kg Acute Dermal, LD ₅₀ (rabbit) >2000 mg/kg Inhalation, LC ₅₀ (rat) (1hr) 3.85 mg/l
Eye Irritating	Irritating.

Skin Irritation	None
Sensitisation Effects	Expected to be a skin sensitizer
Carcinogenic Effects	None
Teratogenic (Birth) Effects	None
Reproductive Effects	None
Mutagenic Effects	None
Systemic Effects	None

SECTION 12 – ECOTOXICITY INFORMATION

This section describes effects which could occur if this material is not handled in accordance with this data sheet.

The following information is presented in respect of the active ingredient:

Ecotoxic Effects	Acute Oral LD ₅₀ (Bobwhite quail) 1260 mg/kg LC ₅₀ (96hr) (Rainbow trout) 0.36 mg/l LC ₅₀ (48hr) (Daphnia) 8.2 mg/l LD ₅₀ (24 hr) (Bee) >200 mg/bee contact, >100 mg/bee oral
Environmental Fate	Acetochlor is not bioaccumulative

SECTION 13 – DISPOSAL CONSIDERATIONS

Product	Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.
Container	Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, submit to local authority refuse receival facility. Do not burn.. DO NOT reuse this container for any other purpose.

SECTION 14 – TRANSPORT INFORMATION

Dangerous Goods	
UN Number	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains ACETOCHLOR)
Class	9
Subsidiary Class	None
Packaging Group	III
Additional Information	MARINE POLLUTANT
MTQ (Non-Commercial)	250 L

SECTION 15 – REGULATORY INFORMATION

HSNO Approval No	HSR101324
ACVM Approval No	P9618

SECTION 16 – OTHER INFORMATION

This SDS contains only safety-related information. For other data see product literature.

Contact Points	
Police, Ambulance and Fire Service	111
National Poisons Information Centre	0800 POISON (0800 764 766)
Hazardous Substances Emergency	0800 Chemcall (0800 243 622)