

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: Kenso Agcare Koil Spray Adjuvant
Product Type: Spray Adjuvant
Company Name: Kenso Corporation (M) Sdn Bhd
Address: Level 1, 98 Commercial Road, Teneriffe QLD 4005
Telephone Number: (07) 3216 1188
Facsimile Number: (07) 3216 0388
Emergency Telephone Number: 000 (Police or Fire Brigade)
13 11 26 (Poisons Information Centre)
Use: A spraying oil to improve the spreading and wetting of crop protection products on plant surfaces as per the Directions for Use table.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification: Classified as hazardous according to criteria of Safe Work Australia.
Not classified as a Dangerous Good according to the ADG Code.



GHS Signal Word: **WARNING**
Hazard statements: H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.
Prevention: P264: Wash contacted areas thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves, protective clothing and eye or face protection.
Response: P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see FIRST AID on this label).
P330: Rinse mouth.
P332 + P313: If skin irritation occurs: Get medical advice/attention.
P337 + P313: If eye irritation persists: Get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.

Disposal: P501: Dispose of contents and containers as specified on the registered label.
SUSMP Classification: S5
ADG Classification: None allocated. Not a dangerous good.
UN Number: None allocated.

Emergency Overview

Physical Description & colour: Yellow liquid.
Odour: Aromatic odour.
Major Health Hazards: Will irritate the eyes. May irritate skin. Avoid contact with eyes and skin.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Paraffinic oil	8042-47-5	58.2 %
Non-ionic surfactant	secret	10 - 30 %
Inert ingredients	secret	To 100 %

SECTION 4 – FIRST AID MEASURES

General Information:
 If poisoning occurs, contact a doctor or Poisons Information Centre, Phone Australia 131 126.

Inhalation:	Remove to fresh air until recovered. If symptoms persist, seek medical advice.
Skin contact:	Remove contaminated clothing and launder before use. Wash affected areas or skin thoroughly with soap and water. Seek medical advice if irritation develops.
Eye contact:	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical attention.
Ingestion:	If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water. Place victim carefully to prevent vomit from entering the lungs. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Advice to Doctor:
 Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Specific Hazard
 Product is a combustible liquid, C2.
Fire/Explosion Hazard
Thermal decomposition

Decomposition products depend on temperature, air supply and presence of other materials. It can include but are not limited to carbon monoxide, carbon dioxide. Toxic gasses are released during fire decomposition.

Extinguishing Media

Extinguish fire with foam, dry powder or water spray/fog. Alcohol resistant foams are preferred.

Fire Fighting

Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Dense smoke is produced when products burn. Fire-fighters should wear appropriate protective equipment with self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills and Disposal

Keep people away, isolate area. Do not touch or walk through spilled material. Wear a face shield or goggles, overalls buttoned to neck and wrist, chemical resistant gloves and footwear. Stop leak when safe to do so. Dam area and prevent entry into waterways, and drains.

Small spills/leaks: Wear appropriate clothing whilst cleaning up small spills. Apply absorbent material such as earth, cat litter, sand or clay granules to the spill. Sweep up material for disposal when absorption is complete. Dispose of the contaminated material in accordance with local and/or State regulations.

Personal Protection

For appropriate personal protective equipment (PPE), refer Section 8.

SECTION 7 – HANDLING AND STORAGE

Handling

When handling this product, do not eat, drink or smoke. When preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and washable hat, elbow-length PVC gloves and goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles and contaminated clothing.

Apparently 'Empty' containers may contain liquid and/or vapour residue, which can be explosive if exposed to an ignition source at temperatures above 90°C. Such conditions may occur during cutting or welding. DO NOT cut or weld these containers. Explosion may cause injury or death.

Storage

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. DO NOT store near food, feedstuff, fertiliser or seed.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards:

No exposure standards have been set for this product. Exposure standard for an ingredient (paraffinic oil) in this product, time-weighted average (TWA) is 5 mg/m³.

Engineering Controls

Handle in well ventilated areas, generally natural ventilation is adequate.

Personal Protective Equipment

When preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and washable hat and elbow-length PVC gloves.

Eye Protection

Wear a face shield or goggles.

Hygiene Measures

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles and contaminated clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Yellow
Odour:	Aromatic odour
pH:	6 - 8
Boiling point (°C):	Not available
Vapour Pressure:	Not available
Flashpoint:	104°C
Specific Gravity:	0.88 @ 20°C
Solubility:	Emulsify in water

SECTION 10 – STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Conditions to Avoid

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. DO NOT store near food, feedstuff, fertiliser or seed. Do not reuse the container.

Incompatibilities

Strong oxidizing agents.

Fire Decomposition

Decomposition products depend on temperature, air supply and presence of other materials. It can include but are not limited to carbon monoxide, carbon dioxide. Toxic gasses are release during fire decomposition.

Polymerisation

This product will not undergo polymerisation reactions.

SECTION 11 – TOXICOLOGICAL INFORMATION

No specific data is available for this product as no toxicity test had been conducted on this product. Information presented is based on similar products and/or individual components. Caution must be exercise through the use of protective equipment and handling process to minimize exposure.

Acute Toxicity – Oral

LD₅₀ (rat): >5000 mg/kg

Potential Health Effects

Health Effects

Product will irritate the eyes. May irritate skin. Avoid contact with eyes and skin.

Acute:

Inhalation:	Inhalation of spray mists may produce respiratory irritation.
Skin contact:	Acute dermal toxicity is low and single prolonged skin exposure is not likely to result in absorption of harmful amounts. It is also unlikely to cause lasting effects.
Eye contact:	Product may irritate the eyes. However it is unlikely to cause anything more than mild transient discomfort. It is also unlikely to cause lasting effects.
Ingestion:	This product is low toxicity if swallowed. If concentrate enters the lungs, lung damage may occur due to chemical pneumonia caused by solvents.

SECTION 12 – ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects. Do not contaminate streams, rivers or waterways with chemical or used container. Insufficient data to be sure of status.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal: Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

SECTION 14 – TRANSPORT INFORMATION

Storage and Transport:	Not a dangerous good.
UN Number (Sea Transport):	None Allocated
IMO Class/Packing Group:	None Allocated
IMO Marine Pollutant:	None Allocated
IMO Proper Shipping Name:	None Allocated
Hazchem code:	None Allocated

SECTION 15 – REGULATORY INFORMATION

SUSMP Classification S5

Packaging & Labelling CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

SECTION 16 – OTHER INFORMATION

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

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
CAS number	Chemical Abstracts Service Registry Number
Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOHSC	National Occupational Health and Safety Commission
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number
GHS	Globally Harmonised System

CONTACT POINT:

Police and Fire Brigade:

Dial 000

National Poisons Information Centre:

Dial 13 11 26 (from anywhere in Australia)

For 24 hour emergency response:

Dial 0439 933 556

Ask for Murray Goodlich