


SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

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| Product Name | Koil Spray Adjuvant |
| Company Name | Kenso Corporation (M) Sdn Bhd |
| Address | 2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand |
| Telephone | 0800 536 766 |
| Hazardous Substance | |
| Emergency Telephone | 0800 CHEMCALL (0800 243 622) (24 hours) |
| National Poisons Centre Use | 0800 POISON (0800 764 766) (24 hours) |
| | Penetrant and surfactant to enhance wetting, spreading and uptake of many agricultural chemicals. |

SECTION 2 – HAZARDS IDENTIFICATION

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| Hazard Pictograms |  |
| GHS Signal Word | WARNING |
| Hazard Classification | Acute oral toxicity Category 4, Skin Irritation Category 2, Eye Irritation Category 2, Hazardous to the aquatic environment chronic Category 2. |
| Hazard Statement | H302: Harmful if swallowed. H315: Cause skin irritation. H319: Causes serious eye irritation. H411: Toxic to aquatic life with long lasting effects. |
| Prevention | P264: Wash contacted area 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/eye protection/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). P332 + P313: If skin irritation or rash occurs: Get medical advice/attention. P330: Rinse mouth. P337 + P313: If eye irritation persists: Get medical advice/attention. P362 + P364: Take off contaminated clothing and wash it before reuse. P330: Rinse mouth. P391: Collect spillage. |
| Disposal | P501: Dispose of contents/containers as specified on the registered label. |

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | CAS No | Proportion |
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| Paraffinic oil | 79-09-4 | 58.2% w/v |
| Nonyl phenol ethoxylate | Proprietary | 24% w/v |
| Other inert ingredients | secret | To 100% w/v |

SECTION 4 – FIRST AID MEASURES

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| Ingestion | If swallowed, do not induce vomiting; seek medical advice immediately. |
| Eye | Flush eyes immediately with plenty of fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. However, if irritation persists, seek immediate medical advice. |
| Skin | Remove contaminated clothing, wash skin with plenty of soap and water. See a doctor if any signs or symptoms described in this document occur. Discard contaminated non-waterproof shoes and boots. Thoroughly launder contaminated clothing before re-wearing. |
| Inhalation | Remove to fresh air until recovered. See a doctor if discomfort or irritation |

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| Advice to Doctor | continues. Treat symptomatically. |
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SECTION 5 – FIRE FIGHTING MEASURES

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| Fire/Explosion Hazard | NA |
| HAZCHEM Code | NA |
| IER Guide No | NA |
| Extinguishing Media | Carbon dioxide, dry chemical, fog. |
| 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

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| Personal Precautions | For appropriate personal protective equipment (PPE), refer to section 8. |
| Spillage | Avoid contact with skin and eyes. Wear chemical resistant: coveralls gloves and footwear, safety goggles or face shield. Keep out animals and unprotected persons. Do NOT allowed spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways. In the case of spillage, contain and absorb spilled material with absorbent material such as sand, clay or soil. Vacuum, shovel or pump waste into a containment drum. To decontaminate spill area, tools and equipment, wash with a suitable solution (i.e., detergent, bleach or alkaline cleaners/detergents) and add the solution to the drum/s of wastes already collected. Label for contents. Dispose of drummed wastes, including decontamination solution, in accordance with the requirements of Local Authorities or at an approved Hazardous Substances disposal facility. |

SECTION 7 – HANDLING AND STORAGE

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| Storage | Keep out of reach of children. Store in original container, tightly closed, away from human and animal foodstuffs, medicines and remedies, seeds and fertilisers. Segregate from incompatible substances (see section 10 below). Store in a cool, dry, well ventilated place and protect from sunlight. |
| Handling | When mixing or applying, avoid contact with skin and eyes. Wear chemical resistant protective clothing, gloves and goggles. Do not inhale spray or spray mists. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work. Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from human and animal foods/feeds, seeds, fertilisers and other incompatible hazardous substances. |
| Handler Competence | Persons responsible for the storage, handling, mixing, applying or disposing of this product must either be a Certified Handler, or be trained, experienced or supervised in accordance with the requirements of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 & 4.6 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C. |
| Tracking (Record Keeping) | Not required. |
| Additional Requirements | All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2021 'Management of Agrichemicals', and relevant local and regional council plans. |

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

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| Engineering Controls | Not applicable. |
| Personal Protection | When preparing and applying spray solution, wear chemical resistant protective clothing including: coveralls, gloves and goggles or face-shield. Avoid contact with eyes and skin. Do not inhale spray mist. If inhalation of sprays mists is likely wear respiratory protection to a minimum of Organic Vapour specification. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, protective equipment and contaminated clothing. |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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| Form | Liquid |
| Colour | Colourless to pale yellow |
| Odour | Aromatic |
| Specific gravity | NA |
| Flash point (°C) | NA |
| Flammability Limits | Non flammable |
| Miscibility | Miscible |
| Oxidising properties | Not oxidising |
| Explosive properties | Not explosive |

SECTION 10 – STABILITY AND REACTIVITY

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| Stability | Stable under normal conditions. |
| Incompatibility | Strong oxidising agents. |
| Decomposition | Hazardous polymerization is not possible. |
| Dangerous Reactions | Not known. |

SECTION 11 – TOXICOLOGICAL INFORMATION

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

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| Acute Toxicity (on active ingredient) | Acute Oral LD ₅₀ (rats): > 5000 mg/kg Acute Dermal LD ₅₀ (rats): > 5000 mg/kg Acute inhalation LC ₅₀ (4h): not established |
| Skin Irritation | Irritant |
| Eye Irritation | Irritant |
| Sensitisation Effects | Not a sensitizer |
| Chronic (on active ingredient) | Not available |

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:

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| Ecotoxic Effects (on active ingredient) | Acute toxicity to fish: LC ₅₀ (96 h) > 100 mg/L (Rainbow trout) EC ₅₀ (48 h) > 100 mg/L (Pseudokircheneriella subcapitata) EC ₅₀ (48 h) > 100 mg/L (Daphnia magna) |
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SECTION 13 – DISPOSAL CONSIDERATIONS

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| Product | Dispose of this product only by using according to the label, or at an approved landfill or other approved Hazardous Substances disposal facility. |
| Container | Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise submit to a suitable refuse transfer station or hazardous waste receival facility. DO NOT reuse this container for any other purpose. |

SECTION 14 – TRANSPORT INFORMATION

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| Dangerous Goods | |
| UN Number | 3082 |
| Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PARAFFINIC OIL, ALKOXYLATED ALCOHOL NON-IONIC SURFACTANT) |
| Class | 9 |
| Subsidiary Class | NA |
| Packaging Group | III |
| Additional Information | MARINE POLLUTANT |
| MTQ (Non-Commercial) | 250L |

SECTION 15 – REGULATORY INFORMATION

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| HSNO Approval No | HSR002503 |
| ACVM Approval No | Exempted |

SECTION 16 – OTHER INFORMATION

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

Contact Points

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