


SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

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| Product Name | Fender 320 EC Herbicide |
| Company Name | Kenso Corporation (M) Sdn Bhd |
| Address | 2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand |
| Telephone | 0800 536 766 |
| Hazardous Substances | |
| Emergency Telephone | 0800 CHEMCALL (0800 243 622) (24 hours) |
| National Poisons Centre | 0800 POISON (0800 764 766) (24 hours) |
| Use | For the control of broad-leaved weeds in fodder, sugar and red beets. |

SECTION 2 – HAZARDS IDENTIFICATION

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| Hazard Pictograms |  |
| GHS Signal Word | WARNING |
| Hazard Statement | <p>H227: Combustible liquid. H302: Harmful if swallowed. H312: Harmful in contact with skin. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.</p> |
| Prevention | <p>P102: Keep out of reach of children. P103: Read label before use. P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P260: Do not breathe dust/fume/gas/mist/vapours/spray. P264: Wash contacted areas thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection.</p> |
| Response | <p>P101: If medical advice is needed, have product container or label at hand. 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. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P321: Specific treatment (see FIRST AID on this label). P330: Rinse mouth. P333 + P313: If skin irritation or rash occurs: Get medical advice/attention. P337 + P313: If eye irritation persists: Get medical advice/attention. P363: Wash contaminated clothing before reuse. P370 + P378: In case of fire: Use carbon dioxide, dry chemical, foam and water fog for extinction. P391: Collect spillage.</p> |
| Storage | P403 + P235: Store in a well-ventilated place. Keep cool. |
| Disposal | P501: Dispose of contents/container as specified on the registered label. |

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | CAS No | Proportion |
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| Desmedipahm | 13684-56-5 | 16% w/v |
| Phenmedipham | 13684-63-4 | 16% w/v |
| Other 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 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 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 immediate medical advice. |
| Advice to Doctor | Treat symptomatically. |

SECTION 5 – FIRE FIGHTING MEASURES

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| Fire/Explosion Hazard | This product is classified as a C1 combustible product. There is little risk of an explosion from this product if commercial quantities are involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances. |
| HAZCHEM Code | 3Z |
| 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

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| Personal Precautions | For appropriate personal protective equipment (PPE), refer to section 8. |
| Spillage | Wear chemical resistant protective clothing that includes: coveralls, footwear, goggles, gloves and respiratory protection. Stop leak if safe to do so, and contain spill. Prevent spills from entering drains, waterways or sewers. Absorb spilt material with non-organic spill control materials, sand or clays and sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. After spills, wash area with detergent and water preventing runoff from entering drains. If a significant quantity of material enters drains, advise regional council and emergency services. Ensure appropriate disposal by consulting local, regional authority regulations prior to disposal. Thoroughly launder or dispose of contaminated protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry. Do not dispose of undiluted chemicals on site. |

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 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 either be a Certified Handler or 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 |
| Tracking | No required. |
| 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 | 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. In case of exposure, wear full respiratory protection (at least to organic vapour standard) eye protection, chemical resistant coveralls and gloves and footwear. |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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| Form | Clear liquid |
| Colour | Amber colour |
| Odour | Aromatic odour |
| Specific gravity | 1.03 |
| Flash point (°C) | NA |
| Flammability Limits | Combustible |
| Miscibility | Emulsify in water |
| Oxidising properties | Not oxidising |
| Explosive properties | Not explosive |

SECTION 10 – STABILITY AND REACTIVITY

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| Stability | Stable under normal conditions. |
| Conditions To Avoid | Avoid sources of ignition and extremes of temperature. |
| Hazardous Materials | Hydrogen bromide, hydrogen cyanide, hydrogen fluoride, and oxides of carbon and nitrogen may be released in a fire. |
| 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.

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| Acute Toxicity | Acute Oral, LD ₅₀ (rat) >2000 mg/kg Acute Dermal, LD ₅₀ (rat) >5000 mg/kg Inhalation, LC ₅₀ (rat) (4hr) >2.14 mg/l |
| Skin Irritation | Slight irritating. |
| Eye Irritation | Slight irritating. |
| Sensitisation | Non sensitizing (guinea pig). |

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 | Desmedipham Fish toxicity: LC ₅₀ (96 h) rainbow trout 3.2 mg/L Daphnia toxicity: LC ₅₀ (48 h) Daphnia magna 1.0 mg/L Algae toxicity: EC ₅₀ (96 h) Pseudokirchneriella subcapitata 0.1mg/L Phenmedipham Fish toxicity: LC ₅₀ (96 h) rainbow trout 8.6 mg/L Daphnia toxicity: LC ₅₀ (48 h) Daphnia magna 3.67 mg/L Algae toxicity: EC ₅₀ (96 h) Pseudokirchneriella subcapitata > 10 mg/L |
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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 hazardous substances waste receival facility. On-site disposal of concentrate |
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| Container | is not acceptable Triple rinse containers, add rinsate to the spray tank, then offer container for recycling/reconditioning (Agrecovery), or puncture top, sides and bottom and submit to a local authority waste receival facility (Transfer Station). DO NOT reuse this container for any other purpose. |
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SECTION 14 – TRANSPORT INFORMATION

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

SECTION 15 – REGULATORY INFORMATION

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| HSNO Approval No | HSR101148 |
| ACVM Approval No | P009349 |

SECTION 16 – OTHER INFORMATION

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| 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) |