

SAFETY DATA SHEET

KROP OIL™

Date of Issue: 15th May 2018

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Superior Paraffin Base Petroleum Oil 83%
Recommended use: Crop Oil
Supplier: Etec Crop Solutions Ltd
PO BOX 51584
Pakuranga, Auckland
Phone 0800 100 325
Emergency telephone number: 0800 CHEMCALL (0800 243 622) 24 Hours

2. HAZARDS IDENTIFICATION



Hazard Classification: TOXIC – 6.3B, 6.4A
ECOTOXIC – 9.1A

Required identification Details: Causes mild skin irritation.
Causes serious eye irritation.
Very toxic to aquatic life.

Prevention statements: Keep out of the reach of children.
Read label before use.
Wash hands thoroughly after handling.
Avoid release to the environment.
Wear protective clothing.

Response statements: If medical advice is needed, have product container or label at hand.
Immediately call a POISON CENTER or doctor/physician.
IF IN EYES: Remove contact lenses, if present and easy to do.
Continue rinsing.
Collect spillage.
If skin or eye irritation occurs, seek medical advice.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Superior Paraffin Base Petroleum Oil	8012-95-1	83%
Polyoxyethylated Polyol Fatty Acid Ester, Polyol Fatty Acid Ester and Anti Foam 17%	68131-40-8 9016-45-9	17%

4. FIRST-AID MEASURES

Description of necessary first aid measures:

Effects and symptoms

First-aid measures

Inhalation:

Remove victim to fresh air. Apply artificial respiration if necessary.

Ingestion:

If swallowed, give large quantities of water. Do not induce vomiting unless told by a Doctor. Call a physician
Wash affected areas with soap and water. Get medical attention if irritation persists.

Skin contact:

Wash affected areas with soap and water. Get medical attention if irritation persists.

Eye contact:

If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. Get medical attention if irritation persists.

Notes to a physician:

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:

3X

Extinguishing media :

Water, foam, dry chemical, Carbon dioxide (CO₂),

Hazardous thermal (de)composition products:

May include carbon monoxide

Protection of fire-fighters:

Wear full protective clothing and self contained breathing apparatus. Do not breath smoke or gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid contact with skin and eyes. Do not inhale spray. Wear long sleeved shirt, long pants ,waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

Environmental precautions:

Do NOT allow spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways.

Methods for cleaning up:

In the case of spillage, contain and absorb spilled material with absorbent material such as sand clay or cat litter. Keep out animals and unprotected persons. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. Label for contents. Dispose of drummed wastes, including decontamination solution, in accordance with the requirements of Local Authorities

7. HANDLING AND STORAGE

Handling:	When mixing or applying, avoid contact with skin and eyes. Wear protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.
Storage:	Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs.
Packaging materials:	HDPE Plastic

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Workplace exposure standards:	No exposure limit allocated.
Exposure Standards outside: The workplace:	No exposure standards have been set for this product or the active ingredients.

Engineering measures

Exposure control measures:	Ensure ventilation is adequate, generally natural ventilation is adequate.
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Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:	Not required under normal use conditions
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Skin and body:	When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length and PVC/nitrile gloves and goggles.
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Hands:	Elbow-length and PVC/nitrile gloves
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Eyes:	Wear goggles.
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General hygiene:	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Pale
Odour:	Mild
pH:	Neutral
Vapour Pressure:	Negligible
Boiling Point:	Not established
Freezing/melting point:	N/A
Solubility:	Emulsifies in water

Specific gravity or density:	0.86 gms/cc
Information for flammable material including:	
Octanol/water partition coefficient:	Not available
Explosion properties:	Not explosive
Oxidation properties:	Not an oxidizer

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Extreme heat
Materials to avoid:	Incompatible with strong oxidising substances
Hazardous decomposition Products:	Carbon monoxide
Hazardous polymerization:	Will not occur
Specific Data:	None known.
Hazardous reactions :	None known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral : LD₅₀	>30 gm/kg (rat)
Acute toxicity - Dermal : LD₅₀	>2000 mg/kg (rat)
Acute toxicity – Inhalation: LC₅₀	Not established
Skin irritation :	Mild skin irritant with prolonged or repeated exposure
Eye irritation:	Direct eye contact can cause irritation.
Sensitization :	Not a sensitizer.
Chronic toxicity	No data available on this formulation.
Other information :	

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not established
Bees	Not established
Soil	Not established
Bioaccumulative potential :	Not established
Birds	Not established

13. DISPOSAL CONSIDERATIONS

Methods of disposal :	Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, follow the recommendations in NZS 8409.
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CONTAINER DISPOSAL: Triple rinse container and add residue to spray tank. Burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill.

14. TRANSPORT INFORMATION -International transport regulations

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Road and Rail Transport

UN No: 3082
Class-primary 9
Packing Group III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S

Air Transport

UN No: 3082
Class-primary 9
Packing Group III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S

Marine Transport

UN No: 3082
Class-primary 9
Packing Group III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S

15. REGULATORY INFORMATION

ACVM Registered Number: Not applicable
HSNO Approval Code: HSR002503

16. OTHER INFORMATION

Additional information: **Original Issue Date:** 20 December 2012
Revision Date: 15th May 2018
Replaces: ES321

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

The data given in this SDS are based upon up to date information available at the time of issue. To the extent permitted by law, users of these information accept that neither the manufacturer, Etec Crop Solutions Ltd as distributor, nor any other distributor have any liability or responsibility whatsoever for any

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