

SAFETY DATA SHEET

AGCARE™ MCPA 750

SECTION 1: Identification of the substance and supplier

Product name: AGCARE MCPA 750
Recommended Use: Selective herbicide, for use in pastures, cereals

Company: Grosafe Chemicals Ltd.
Address: 20 Jean Batten Drive, Mt Maunganui, 3146. (P.O. Box 14450 Tauranga 3143)
Email: info@grosafe.co.nz
Telephone Toll Free Number:
Emergency Telephone Number: 0800 CHEMCALL (0800 243622)
(EMERGENCIES ONLY)

Date of Issue: June 2017

SECTION 2: Hazards Identification

HSNO Hazard Classification: 6.1D, harmful by ingestion, 6.9A, toxic to human target organs, 9.1A, very toxic to aquatic organisms, 9.2A, very toxic to soil / plant organisms, 9.3C, harmful to terrestrial vertebrates.

SECTION 3: Composition/information on ingredients

<u>Ingredients</u>	<u>CAS Number</u>	<u>Content</u>
MCPA, as the dimethylamine salt	2039-46-5	ca. 80 %

SECTION 4: First Aid Measures

In case of poisoning by any route contact a doctor or Poisons Information Centre.

Swallowed: If large quantities are ingested, drink plenty of water. Do not induce vomiting. Immediately contact a doctor or Poisons Information Centre.

Eye: Flush eyes with large quantities of water for 15 minutes. Seek medical advice.

Skin: If contact occurs remove contaminated clothing and wash affected areas thoroughly with soap and water. Consult a doctor if irritation persists.

Inhaled: Move affected person to fresh air and keep at rest until recovered.

Advise to Doctor: No specific antidote is available. If poisoning is suspected apply symptomatic therapy. Contact Poisons Information Centre (0800 POISON (0800 764 766) for more information.

SECTION 5: Fire Fighting Measures

Dangerous Goods Class:	3082
Extinguishing media:	Fine water spray or foam. HAZCHEM: 2X
Special exposure hazards:	None
Fire and Explosive Properties:	May form hazardous decomposition products
Flammability:	Non-flammable. Flashpoint > 100 °C.

SECTION 6: Accidental Release Measures

In Case of Spill or Leak: Control the spill at its source. Contain the spill to prevent it from spreading, contaminating soil, or entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with water plus detergent. Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposal.

SECTION 7: Handling and Storage

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store with food or drink. Wash thoroughly with soap and water after handling.

SECTION 8: Exposure Control/Personal Protection

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Ingestion: Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material, Wash thoroughly with soap and water after handling.

Eye Contact: Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Skin Contact: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.

Inhalation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits.

SECTION 9: Physical and Chemical Properties

Appearance:	Dark brown liquid
Odour:	Characteristic, aromatic
pH:	9 - 10
Boiling Point:	> 100 °
Flammable (Explosive) Limits:	Non flammable
Explosive Properties:	Not explosive
Oxidizing Properties:	Not an oxidizing agent
Vapour Pressure:	Not determined
Relative density:	1.18 g/cm ³
Solubility:	Readily soluble in water

SECTION 10: Stability and Reactivity

Stability:	Stable
Conditions to avoid:	Extreme temperatures
Materials to avoid:	Oxidising materials, acids, alkalis
Hazardous Decomposition Products:	May be formed at high temperatures
Hazardous Polymerisation:	Will not occur

SECTION 11: Toxicological Information

LD ₅₀ Information (acute toxicity)	
Oral	LD ₅₀ 700 - 1160 mg/kg (rat).
Dermal	LD ₅₀ > 4000 mg/kg (rat)
Inhaled	may cause nasal irritation
Eye	may cause irritation

Prolonged ingestion of high doses may cause kidney / liver damage.

SECTION 12: Environmental Information

Dissociation in water	pKa : 3.73 at 20 °C.
Rate of degradation:	DT 50: ~ 24 days
Mobility:	Kfoc Min : 33 - Max : 157
Ecotoxicity:	Very toxic to aquatic organisms) Toxic to birds (LD ₅₀ : 270 mg/kg b.w.) Highly toxic to some (annual) plants

SECTION 13: Disposal Considerations

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to regional or local body bylaws.

SECTION 14: Transport Information

Scheduled as Dangerous Goods for Transport Purposes

UN Number: 3082

UN Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID (MCPA 75%)

UN Classification: Class 9

UN Packing Group: III

Marine pollutant: yes

SECTION 15: Regulatory Information

AGCARE MCPA 750 is a registered product under the ACVM Act 1997 No P008689.

See www.nzfsa.govt.nz/acvm/ for registration conditions.

AGCARE MCPA 750 is approved under the HSNO Act 1996 HSR 000381

See www.epa.govt.nz for approval conditions

Note: The information contained herein is given in good faith, but no warranty, expressed or implied, is made. Consult Grosafe Chemicals Ltd. for further information.