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MATERIAL SAFETY DATA SHEET

CHEMAG HALOXYFOP 520 HERBICIDE

COMPANY DETAILS

Company: Imtrade Australia

Address: Suite 22/11 Preston St, Como WA 6152

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Website Address: www.imtrade.com.au

Emergency Telephone number: Office hours 08 9368 7444 A/H 0438 922 133

STATEMENT OF HAZARDOUS NATURE

Hazardous according to the criteria of the National Occupational Health and Safety Commission (NOHSC). R20- Harmful by inhalation, R22- Harmful if swallowed.

PHYSICAL/CHEMICAL CHARACTERISTICS

Uses:	For the post-emergent control of a wide range of annual and perennial grass weeds in grain, legume and oilseed crops, lucerne, medic and clover pasture and seed crops, and most of fruit and nut crops as specified on the label.
Product Name:	CHEMAG HALOXYFOP 520 HERBICIDE.
UN number:	None allocated.
DG class:	None allocated.
Packing Group:	None allocated.
Hazchem code:	None allocated.
Appearance:	Clear brown liquid.
Flashpoint:	92°C (PMCC)
Solubility In Water:	Active ingredient has solubility of 93 mg/L at 25°C.
Specific Gravity:	116 g/ml at 20°C.
Flammability:	Upper value: 8.5%; Lower value: 1.2% (solvent).
Poisons Schedule:	S6

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Haloxyfop R-methyl ester (Sufficient to give 520 g/l of the acid equivalent)	072619-32-0	562.5 g/l
Diethylene glycol monoethyl ether	000111-90-0	507.5 g/l
Other non hazardous ingredient		<100.00 g/l

STABILITY AND REACTIVITY DATA

Chemical Stability:	This product is unlikely to spontaneously decompose.
Materials to Avoid:	Strong oxidising agents.
Hazardous Polymerization:	This product is unlikely to spontaneously polymerise.
Explosion Hazard:	Combustible Liquid. There is a moderate risk of an explosion from this product if it is involved in a fire. This product may form toxic and corrosive mixtures in confined space.

HEALTH HAZARD DATA

Extinguishing Media: Carbon dioxide, dry chemical, foam, water fog.

HEALTH EFFECTS:

Eye: Concentrate in eye may cause mild irritation.

Ingestion: The oral LD₅₀ is above 1227mg/kg (moderate toxicity)

Inhalation: The inhalation LC₅₀ for a similar formulation is 4.7 mg/ml for 4 hours (low toxicity). Prolonged exposure to the solvent vapour from the concentrate may cause eye and respiratory irritation, headache, dizziness and narcotic effects.

Skin: For a similar formulation the acute dermal LD₅₀ is above 4000 mg/kg (low toxicity). Prolonged or repeated contact with the concentrate may cause moderate irritation, drying or flaking of the skin.

FIRST AID:

Eye: If in eyes, hold eyes open and flood with water for at least 15 minutes. If symptoms persist seek medical treatment.

Ingestion: If swallowed, see a doctor immediately.

Inhalation: If affected, remove from contaminated area to fresh air. If symptoms persist seek medical advice.

Skin: If on skin, remove contaminated clothing and wash skin Thoroughly with soap and water. If symptoms persist seek medical advice.

ADVICE TO DOCTOR - TREAT SYMPTOMATICALLY.

SAFE HANDLING INFORMATION

Storage and Transport: This product is an S6 poison. Observe all relevant regulations Regarding sale, transport and storage of this class product. Store in the closed container Original container in a dry, cool, well-ventilated area, out of direct sunlight. Do not Store near food, feedstuff, fertilisers or seed.

Spill and Disposal: Place leaking container into salvage drums. Apply absorbent Materials such as sand or other available materials to the spill area. Barricade around spill and in front of drains and waterways. Sweep up material and contain in a refuse vessel for disposal.

Personal Protection: Harmful if swallowed. Will irritate the eyes and skin, avoid contact with eyes and skin. When preparing the spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and goggles. If product is in the eyes, wash out immediately with water. Wash hands after use and after each day's use wash gloves, goggles and contaminated clothing.

TOXICITY: Haloxyfop-R-methyl ester has high toxicity to other aquatic organisms. Haloxyfop-R-methyl ester has low toxicity to birds and earthworms, and is non-toxic to honey bees. Haloxyfop does not bioaccumulate in animal systems.

ENVIRONMENTAL PROTECTION: Haloxyfop-R-methyl ester is rapidly hydrolysed to Haloxyfop acid in soil, plants and water. Haloxyfop acid in soil is degraded by microbial actions, with half-lives ranging between six and one hundred and thirty three days (average fifty three days) depending on the soil and climatic conditions. Haloxyfop has limited potential to leach into soils and residues are generally found in the top 15 to 30 centimetres of a soil profile. If used according to the label directions, Haloxyfop herbicide will not be harmful to the environment.

CONTACT POINT:

Emergency Contact Number: Office 9368 7444 A/H 0438 922133

This MSDS summaries our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.