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MATERIAL SAFETY DATA SHEET

[Prepared in accordance with National Code Of Practice - NOHSC:2011 (1994)]

STATEMENT OF HAZARDOUS NATURE: Not classified as hazardous according to the criteria of Work

Company Details

Company	VEE DRI AUST. PTY. LIMITED		
Address	20 Tunstall Avenue Kensington. NSW. A.C.N. 001 404 977		
Telephone Number	0408 404 505	Fax Number	+61 2 9662 1648
Emergency Telephone	0408 404 505		

Identification

Product Name:	TASKFORCE® Water Soluble Herbicide
NRA Approval No:	53015/0700
Herbicide Group:	J
CAS No:	22898-01-7
Dangerous Goods Class:	Not classified as Dangerous Goods by the criteria of the Australian Code) for transport by road or rail.
Hazchem Code:	Not hazardous according to the criteria of Worksafe Australia
Poisons Schedule Number:	S6
Use:	Herbicide for grasses detailed on the label including serrated tussock grass, african lovegrass & giant parramatta grass

Physical Description / Properties

Appearance:	Liquid of medium viscosity; pale yellow to straw appearance
Boiling Point:	In excess of 100 °C.
Vapour Pressure (at138C):	<0.04 kPa

Specific gravity: 1.45
Flash Point: Not Applicable
Flammability Limits: Not Applicable
Solubility: Very soluble in water. Soluble in methanol, ethanol and acetone. Sparingly soluble in other organic solvents.

165 C Stable to heat and light

Decomposition Point

8 - 10

pH

Ingredients

	<u>Chemical Name:</u>	<u>CAS Number:</u>
	Flupropanate (as sodium salt)	22898-01-7
	Water	7732-18-5

All the constituents of this product are National Registration Authority (NRA) approved ingredients

Health Hazard Information

Health Effects:

Main Symptoms: *No adverse health effects expected if the product is handled in accordance with the label. If mishandled the following symptoms could arise:*

Swallowed: No adverse effects however large amounts could cause nausea, vomiting, loss of consciousness, sluggishness, diarrhoea and incontinence
Eye: May be an eye irritant
Skin: May result in irritation
Inhaled: Where this material is used in a poorly ventilated area and/or at elevated temperatures, vapour may cause irritation to mucous membranes and respiratory tract,

Long Term Effects: *Prolonged skin contact may lead to dermatitis effects*

Acute Toxicity/Chronic Toxicity

LD50 for Sodium Flupropanate: Oral LD50: Rats (10.6-12.0 g/kg); Mice (9.24g/kg). No observable adverse effects were observed in rats fed 5.6 mg/kg/day and mice fed 5.6 mg/kg/day for three months and six months respectively.

Eye:	Mild irritant (rabbit)
Skin:	Dermal LD50: Rats (>5g/kg); Mice (>2g/kg). Mild irritant (rabbit)
Inhaled:	Inhalation LD50: Rats (>1740 mg/m ³ / 14days)
Mutagenicity:	Flupropanate, sodium salt was negative in vitro mutagenicity assays
ADI:	Acceptable Daily Intake is 0.002 mg/kg/day

Ecological Information

Aquatic Toxicity:	Harmless to aquatic organisms. Do not contaminate waterways.
Terrestrial:	Oral LD50 : Male quail: 6.75 g/L. ; Female quail: 11 g/kg
Persistence:	Flupropanate is highly soluble in water and immobile in soils probably due to adsorption. It is resistant to biodegradation in the soil but is readily excreted in animals. Sodium flupropanate was not detected in internal organs after 14 days. Sodium flupropanate was not detected in soil at a rate equivalent to 19.3 litres per ha of TASKFORCE® had reduced to 256 ppb after 6 months.
Disposal:	Triple rinse or preferably pressure rinse containers before disposal. Add rinsings to the waste. Do not dispose of undiluted product on site. If recycling, replace cap and return clean containers to the designated collection point. If not recycling, break, crush, puncture and bury empty containers in an authority landfill. If not available bury the containers below 500 mm in a disposal site. Do not use for this purpose clear of waterways, dams, vegetation and roots. Empty containers are not to be burnt.

Safe Handling Information

Storage & Transport:	Store as per label directions in a cool dry place away from direct sunlight. Classify as Dangerous Goods under ADG Code for road and rail transport
Spills & Disposal:	Contain spills. Use sand or similar material to contain and absorb product. Dispose of material according to instructions under disposal.
Fire / Explosion Hazard:	Not flammable or explosive at temperatures below 165C

Other Information

This MSDS has been compiled using information available in the literature and other sources. The information and data determined by VeeDri(Aust)Pty.Limited. For more information on any aspect of the use of TASKFORCE®, please contact your supplier or VeeDri (Aust) Pty.Limited.

Disclaimer :

This MSDS summarises at the date of issue our best knowledge of the hazard information of TASKFORCE® and in particular how to safely handle the product in the workplace. Since VeeDri (Aust) Pty.Limited or its distributor do not control the conditions under which the product is used each user must read this MSDS in the context of how the user intends handling and using the product in the workplace. The user must where appropriate make other relevant preparations and be aware of the criteria for use of the product. It is strongly recommended that the user comply with any State laws applicable to the use of herbicide/pesticide.

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