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Expires 30th June, 2010

<b>MATERIAL SAFETY DATA SHEET</b>	
[Prepared in accordance with National Code Of Practice - NOHSC:2011 (1994)]	
STATEMENT OF HAZARDOUS NATURE: Not classified as hazardous according to the criteria of Worksafe Australia	
<b>COMPANY DETAILS</b>	
<b>COMPANY</b>	VEE DRI AUST. PTY. LIMITED
<b>ADDRESS</b>	20 Tunstall Avenue Kensington. NSW. A.C.N. 001 404 977
<b>TELEPHONE NUMBER</b>	0408 404 505                      FAX NUMBER    +61 2 9662 1648
<b>EMERGENCY TELEPHONE</b>	0408 404 505
<b>IDENTIFICATION</b>	
<b>PRODUCT NAME:</b>	<b>TASKFORCE® Water Soluble Herbicide</b>
<b>NRA APPROVAL NO:</b>	53015/0700
<b>HERBICIDE GROUP:</b>	J
<b>CAS NO:</b>	22898-01-7
<b>DANGEROUS GOODS CLASS:</b>	Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.
<b>HAZCHEM CODE:</b>	Not hazardous according to the criteria of Worksafe Australia
<b>POISONS SCHEDULE NUMBER:</b>	S6
<b>USE:</b>	Herbicide for grasses detailed on the label including serrated tussock, rats tail grass, chilean needle grass, african lovegrass & giant parramatta grass
<b>PHYSICAL DESCRIPTION / PROPERTIES</b>	
<b>APPEARANCE:</b>	Liquid of medium viscosity; pale yellow to straw

	appearance
<b>BOILING POINT:</b>	In excess of 100 °C.
<b>VAPOUR PRESSURE ( AT138C ):</b>	<0.04 kPa
<b>SPECIFIC GRAVITY:</b>	1.45
<b>FLASH POINT:</b>	Not Applicable
<b>FLAMMABILITY LIMITS:</b>	Not Applicable
<b>SOLUBILITY:</b>	Very soluble in water. Soluble in methanol, ethanol and acetone. Sparingly soluble in non-polar solvents.
<b>DECOMPOSITION POINT</b>	<b>165 C STABLE TO HEAT AND LIGHT</b>
<b>PH</b>	<b>8 - 10</b>

<b>INGREDIENTS</b>
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<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportion:</u>
Flupropanate (as sodium salt)	22898-01-7	745 g/L
Water	7732-18-5	486 g/L

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 directions. If mishandled the following symptoms could arise:*

**SWALLOWED:**

No adverse effects however large amounts could cause nausea, vomiting, loss of muscle rigidity, cyanosis, 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 and/or in confined spaces vapour may cause irritation to mucous membranes and respiratory tract, headache and nausea

**LONG TERM EFFECTS:**

*Prolonged skin contact may lead to dermatitis effects*

<b>ACUTE TOXICITY/CHRONIC TOXICITY</b>
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**LD50 FOR SODIUM FLUPROPANATE:**

Oral LD50: Rats (10.6-12.0 g/kg); Mice (9.24g/kg). No observable adverse effects were reported in rats fed 5 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<sup>3</sup>/ 14days)

**MUTAGENICITY:**

Flupropanate, sodium salt was negative in vitro mutagenicity assays

**ADI:**

**ACCEPTABLE DAILY INTAKE IS 0.002 MG/KG/DAY**

<b>ECOLOGICAL INFORMATION</b>
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**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 onto clay sols. It is resistant to biodegradation in the soil but is readily

excreted in animals. Sodium flupropanate administered to rats was not detected in internal organs after 14 days. Sodium flupropanate when applied to white clover at a rate equivalent to 19.3 litres per ha of TASKFORCE® had reduced to 256 ppm in plant residues after 3 months.

**DISPOSAL:**

Triple rinse or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. Do NOT dispose of undiluted product on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, puncture and bury empty containers in a local authority landfill. If not available bury the containers below 500 mm in a disposal pit specifically set up for this purpose clear of waterways, dams, vegetation and roots. Empty containers and product should not be burnt.

**SAFE HANDLING INFORMATION****STORAGE & TRANSPORT:**

Store as per label directions in a cool dry place away from direct sunlight. Not considered 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 this 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, other published information and data determined by VeeDri(Aust)Pty.Limited. For more detailed information on any aspect of the use of TASKFORCE®, please contact your supplier or Mr.Bill Dobbie of VeeDri (Aust) Pty.Limited.

**DISCLAIMER :**

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of TASKFORCE® and in particular how to safely handle and use the product in the workplace. Since VeeDri (Aust) Pty.Limited or its distributors cannot anticipate or control the conditions under which the product is used each user must, prior to use, review 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 persons such as co-workers aware of the criteria for use of the product. It is strongly recommended users be aware of and comply with any State laws applicable to the use of herbicide/pesticide products.

