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# SAFETY DATA SHEET

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## TASKFORCE®

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Material Identification</b>	<b>Taskforce®</b>
<b>Product description</b>	Herbicide
<b>Recommended Use</b>	Selective herbicide for use in pasture for control of Chilean needle grass and Nassella tussock.
<b>Company details</b>	PGG Wrightson 57 Waterloo Rd., Hornby, Christchurch
<b>Telephone</b>	0800 704707
<b>24-hour Emergency phone</b>	<b>0800 764766</b>
<b>Date of Issue</b>	August 2011

### 2. HAZARDS IDENTIFICATION

<b>HSNO Classification</b>	6.1D, 6.3B, 6.4A, 6.9B
<b>Hazards</b>	Harmful-may be harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation. May cause organ damage from repeated oral exposure at high doses. Very toxic to the aquatic environment. Avoid contamination of any water supply with product or empty container.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>CAS No.</b>	<b>Proportion</b>
Flupropanate sodium	22898-01-7	745g/L
Inert Ingredients	not allocated	486g/L

### 4. FIRST AID MEASURES

<b>Inhalation</b>	If inhaled, remove from exposure and have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediately. Never give anything by mouth to an unconscious person. Call a physician if necessary.
<b>Skin contact</b>	If spilt on the skin, remove contaminated clothing and wash affected areas of skin immediately.
<b>Eye contact</b>	If concentrate is splashed in eyes, flush with running water for at least 15 minutes. For advice contact the National Poisons Centre 0800 POISON (0800 764766)
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764766) or call a doctor if feeling unwell

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## 5. FIRE FIGHTING MEASURES

<b>Fire/Explosion Hazard</b>	Non flammable.
<b>Extinguishing media</b>	Water spray, foam, dry chemical.
<b>Fire fighting instructions</b>	Wear self-contained breathing apparatus. Use water spray. Cool tank/container with water spray. If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated.
<b>Hazchem code</b>	2X

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spill precautions</b>	Use appropriate Personal Protective Equipment during clean up.(See Section 8)
<b>Spill containment</b>	Dyke spill. Prevent liquid from entering the sewers, waterways, or low areas.
<b>Spill clean-up</b>	Shovel or sweep up. DO NOT flush with water. Place material in a clean, dry container and cover for disposal. Wash contaminated areas with water and detergent. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand or other absorbent material. Shovel or sweep up. Never return to container for reuse. (See section 13 for disposal instructions.)

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid skin and eye contact. Avoid inhaling the vapour, or spray mist. Wash thoroughly after handling. Wash clothing after use.
<b>Storage</b>	Store in the closed, original container in a dry, well ventilated area, as cool as possible out of direct sunlight and under lock and key. Keep from contact with fertilisers, fungicides and seeds. Do not store with Classes 1,2,3,2,4 or 5 substances. Stores containing more than 100 L of this product, either alone or in aggregate with other hazardous substances are subject to requirement of an emergency management response plan, secondary containment and signage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls</b>	Use only with adequate ventilation.
<b>Exposure Standards</b>	None established for formulated product.
<b>Personal Protection</b>	Avoid breathing spray mist or dust. Avoid contact with eyes and skin. Wear protective goggles, rubber gloves, boots and overalls during handling and mixing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	Straw coloured
Odour	None
pH	8-10
Corrosivity	Non corrosive
Oxidisation	Not an oxidiser

(Also, see sections 5 & 10)

## 10. STABILITY AND REACTIVITY

Stability	Stable at normal temperatures and storage conditions.
Incompatible materials	No incompatibilities reasonably foreseeable.
Decomposition	Decomposition will not occur.
Polymerisation	Polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Effects

Eye	May produce mild to no conjunctival irritation. .
Skin	May produce mild skin irritation..
Inhaled	No adverse effects likely.
Swallowed	Slightly toxic by ingestion.

### Chronic Effects

Flupropanate sodium:	None established for formulated product. No adverse health effects expected, however ingestion of large amounts May cause nausea, vomiting, loss of muscle rigidity, cyanosis and incontinence. No observable effects were reported in rats fed 5 mg/kg/day and mice fed 6.6mg/kg/day for 3 months and 12 months respectively. Flupropanate sodium was negative in in vitro mutagenicity assays.
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### Toxicity Data

Flupropanate sodium:	None established for formulated product. Acute Oral LD <sub>50</sub> (rat) 11,900 mg/kg Acute Dermal LD <sub>50</sub> (rabbit) > 4,000 mg/kg Inhalation LC <sub>50</sub> , 14 day (rats) > 1,740mg/M <sub>3</sub> .
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## 12. ECOLOGICAL INFORMATION

Flupropanate sodium	Fish LC <sub>50</sub> (48hr) carp and rainbow trout > 10,000mg/L Birds bobwhite quail LD <sub>50</sub> = 6,750mg/kg. Immobile but persistent in soil. Log Pow < -1.9 When administered to rats, flupropanate sodium was not detected in internal organs after 14 days.
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## 12. DISPOSAL CONSIDERATIONS

Triple rinse empty container and add to spray tank. Puncture container and dispose of at an approved landfill. Dispose of this product only by using in accordance with label directions. Dispose of solid contaminated material/or contaminated soil in an approved landfill. Disposal must be in accordance with applicable local regulations.

## 13. TRANSPORT INFORMATION

<b>Proper Shipping Name</b>	N/A
<b>DG Class</b>	N/A
<b>UN Number</b>	
<b>Hazchem</b>	2X
<b>Pack Group</b>	III
<b>Trade Name</b>	Taskforce

## 15. REGULATORY INFORMATION

<b>Registration</b>	Taskforce is registered pursuant to the ACVM Act P.8355
<b>HSNO Approval Code</b>	HSR 100390
<b>Approved Handler</b>	This product must be under the control of an approved handler during use.

## 16. OTHER INFORMATION

### Glossary

DT <sub>50</sub>	Time(days) for 50%loss.
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
ERMA	Environmental Risk Management Authority
HSNO	Hazardous Substances and New Organisms.
IARC	International Agency for Research on Cancer.
K <sub>oc</sub>	Organic carbon partition coefficient (ml soil water/g organic carbon)
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
NOEL	No observable effect level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.

### Miscellaneous

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process

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