

# Safety Data Sheet

## Valeo® 500SC

Date of issue: 11<sup>th</sup> July, 2011

<b>1) Identification of Substance:</b>		
Product name:	Valeo 500SC	
Active Ingredient(s):	500g/litre folpet	
ACVM Approval:	P8158	
ERMA Approval:	HSR100395	
Distributed by:	Adria Crop Protection P.O. Box 535 Kumeu 1250, Auckland Ph: 09-412-9817 Fax: 09-412-9807 <a href="http://www.adriacp.co.nz">www.adriacp.co.nz</a>	
Emergency Number:	National Poisons Centre 0800 POISON 0800 764 766	
<b>2) Hazards Identification:</b>		
HSNO Classifications:	6.3B, 6.4A, 6.5B, 6.7B, 6.9B, 9.1A, 9.2D, 9.3C	
Risk and safety phrases (EU):	R20/36/40/43/50 S46/36/37/61	
<b>3) Composition Details:</b>		
Chemical identity:	Folpet	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Folpet	133-07-3	500g/L
<b>4) First Aid Measures:</b>		
General Information:		
Skin contact:	Wash immediately with soap and water. Do not rub skin. . Remove contaminated clothing and footwear May cause slight irritation. Seek medical attention if irritation persists.	
Eye contact:	Flush eyes immediately and continue for at least 15 minutes, hold eyelids open if necessary. May cause slight irritation Seek medical assistance immediately should irritation persist.	
Ingestion:	Rinse mouth thoroughly. Do NOT induce vomiting if swallowed. May be harmful. Prevent aspiration if vomiting occurs. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or seek medical attention immediately.	

Inhalation:	Remove to fresh air while keeping patient calm, warm and at rest. . Seek medical assistance should breathing become difficult. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation Seek medical attention if irritation persists.
Further Information:	Treatment: No known specific antidote. Treat symptomatically (decontamination, vital functions). Perform gastric lavage if ingested and or administer activated charcoal.
<b>5) Fire-Fighting Measures:</b>	
Specific hazards:	Thermal decomposition generates: carbon dioxide, carbon monoxide, nitrogen oxide, sulfur oxide, sulfides, cesium chloride
Extinguishing media and methods:	Dry chemical, carbon dioxide water spray, alcohol resistant foam.
Recommended protective clothing:	Wear SCBA and appropriate chemical-protective clothing.
<b>6) Accidental Release Measures:</b>	
Personal precautions:	Use protective clothing. Avoid contact with skin, eyes and clothing. Remove contaminated clothes and shoes immediately. Do not breathe in spray or fumes.
Environmental precautions:	Do not discharge into drains/surface waters/groundwater or into subsoil/soil.
Spill procedures:	Absorb spills with inert material and place in waste containers. Prevent material from entering waterways. Wash area with water and absorb with further inert material.
Disposal procedures:	Dispose of waste safely in appropriate containers, according to local Council regulations.
<b>7) Handling &amp; Storage:</b>	
Handling:	Avoid skin and eye contact and inhalation of spray mist or fumes. Ensure adequate ventilation. Cleaning water should be disposed of in appropriate manner. Wash hands after handling the product and before breaks. Do not eat, drink or smoke during use. Wash contaminated clothing before re-use.
Storage:	Store in the original, unopened container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. As a Class 9 Substance with Ecotoxicity Classifications, storage of Valeo must be carried out in such a manner as to prevent contamination of waterways. Stores containing more than 100L of Valeo require bunding and are subject to signage. Storage must generally be in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409).

<b>8) Exposure Control / Personal Protection:</b>	
Engineering measures:	
Respiratory protection:	Wear respiratory protection if ventilation is inadequate. Use particle filter with medium efficiency for solid and liquid particles.
Eye protection:	Wear safety goggles with side-shields or full face shield.
Hand protection:	Wear suitable chemical resistant safety gloves (e.g. nitrile rubber (.4mm)).
Other protective equipment:	Body protection (chemical protection suit, boots) must be chosen depending on activity and possible exposure.
General Safety & Hygiene measures:	Keep away from food, drink and animal feedstuffs. No eating, drinking or smoking during use and wash hands and face before breaks and after work.
<b>9) Physical &amp; Chemical Properties:</b>	
Form:	Liquid
Colour:	Cream
Odour:	Characteristic odour
Melting point/boiling point:	177°C
Specific gravity:	1.72 (at 20°C)
Surface tension:	-
pH:	7.7
Flash point:	Not flammable
Ignition Temperature:	-
Explosive Limits:	Not explosive
<b>10) Stability &amp; Reactivity:</b>	
Conditions to avoid:	Protect from sunlight, open flames, sources of heat.
Materials to avoid:	
Hazardous reactions:	Thermal decomposition generates: carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxide, sulfides. Hazardous polymerization will not occur.
<b>11) Toxicological Information:</b>	
Acute oral toxicity:	LD50 >9000 mg/kg, rat.
Acute inhalation toxicity:	LC50 (4h) >1.70 mg/l, rat.
Acute dermal toxicity:	Acute percutaneous <u>LD<sub>50</sub></u> for albino rabbits >4500 mg/kg
Skin irritation:	Can cause irritation, rabbit.
Eye irritation:	Slight irritation, rabbit
Sensitisation:	Causes sensitisation by skin contact, guinea pig.
<b>12) Ecological Information:</b>	
Acute fish toxicity:	Toxic to fish
Toxicity for daphnia:	EC <sub>50</sub> >1.46 mg/l.
Toxicity to algae:	E <sub>b</sub> C <sub>50</sub> and E <sub>r</sub> C <sub>50</sub> >10 mg/l.

### 13) Disposal Considerations:

Disposal:



Waste should not be re-used. When emptying container, triple rinse and add remaining material to spray tank. Return the empty container to an AgRecovery collection point for disposal.

Empty container precautions:

Avoid contaminating any water supply or food with the chemical or empty container.

### 14) Transportation Information:

Rail/road (RID/ADR):

Proper Shipping Name: Environmentally hazardous substance, Liquid, N. O.S (FOLPET)  
Class 9. UN 3082  
Packaging group III  
Hazchem 2X. Marine Pollutant



Sea (IMDG code):

Proper Shipping Name: Environmentally hazardous substance, Liquid, N. O.S (FOLPET)  
Class 9. UN 3082  
Packaging group III  
Hazchem 2X. Marine Pollutant



Air (ICAO/IATA):

Proper Shipping Name: Environmentally hazardous substance, Liquid, N. O.S (FOLPET)  
Class 9. UN 3082  
Packaging group III  
Hazchem 2X. Marine Pollutant



### 15) Regulatory Information:

Approved handlers:

This product must be under the care of an approved handler during wide dispersive use.

ACVM controls:

See [www.nzfsa.govt.nz/acvm/](http://www.nzfsa.govt.nz/acvm/) for registration conditions.