

Safety Data Sheet

Strada® 400SC

Date of issue: 4th July, 2011

1) Identification of Substance:

Product name:	Strada 400SC
Active Ingredient(s):	400g/litre pendimethalin
ACVM Approval:	P8371
ERMA Approval:	HSR100528
Distributed by:	Adria Crop Protection P.O. Box 535 Kumeu 1250, Auckland Ph: 09-412-9817 Fax: 09-412-9807 www.adriacp.co.nz
Emergency Number:	National Poisons Centre 0800 POISON 0800 764 766

2) Hazards Identification:

HSNO Classifications:	6.1E, 6.5B, 6.9B, 9.1A, 9.2A, 9.3C
Risk and safety phrases (EU):	<p>R43 May cause sensitisation by skin contact.</p> <p>R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S2: Keep out of reach of children</p> <p>S13: Keep away from food, drink and animal feeding stuffs.</p> <p>S20/21: When using, do not eat, drink or smoke.</p> <p>S35: This material and its container must be disposed of in a safe way.</p> <p>S57: Use appropriate containment to avoid environmental contamination.</p> <p>S37: Wear suitable protective gloves.</p> <p>S24: Avoid contact with skin.</p>

3) Composition Details:

Chemical identity:	Pendimethalin	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Pendimethalin	40487-42-1	40%

4) First Aid Measures:

General Information:	
Skin contact:	Wash immediately with soap and water. Do not rub skin. May cause slight irritation. Seek medical attention if irritation persists.
Eye contact:	Flush eyes immediately and continue for at least 15 minutes. May cause slight irritation Seek medical assistance immediately should irritation persist.

Ingestion:	Do NOT induce vomiting if swallowed. May be harmful. A glass of water may be given. For advice, contact the National Poisons Centre (0800 POISON) (0800 764766) or seek immediate medical attention
Inhalation:	Remove to fresh air while keeping patient calm. Seek medical attention if irritation persists.
Further Information:	Treat according to symptoms (decontamination, vital functions), no known specific antidote, administer corticosteroid dose aerosol to prevent pulmonary odema.
5) Fire-Fighting Measures:	
Specific hazards:	Thermal decomposition generates: carbon monoxide, nitrogen oxides.
Extinguishing media and methods:	Water spray, water fog, carbon dioxide, foam, dry extinguishing media
Recommended protective clothing:	Wear SCBA and appropriate chemical-protective clothing.
6) Accidental Release Measures:	
Personal precautions:	Use protective clothing. Avoid contact with skin, eyes and clothing. Remove contaminated clothes and shoes immediately.
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.
7) Handling & Storage:	
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 Strada must be carried out in such a manner as to prevent contamination of waterways. Stores containing more than 100L of Strada require bunding and are subject to signage. Storage must generally be in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409).

8) Exposure Control / Personal Protection:	
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.
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.
9) Physical & Chemical Properties:	
Form:	Liquid
Colour:	Yellow
Odour:	Characteristic
Melting point/boiling point:	>50°C
Density:	1050-1100 g/L
Surface tension:	-
pH:	7.0-8.0
Flash point:	NA
Ignition Temperature:	NA
Explosive Limits:	NA
10) Stability & Reactivity:	
Conditions to avoid:	Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme temperatures. Avoid prolonged exposure to extreme heat. Avoid contamination. Avoid electro-static discharge. Avoid prolonged storage
Materials to avoid:	Oxidising agents.
Hazardous reactions:	No decomposition if stored and handled as prescribed/indicated.
11) Toxicological Information (On technical):	
Acute oral toxicity:	Acute oral LD ₅₀ for rats: >5000
Acute inhalation toxicity:	LC ₅₀ for rats: >320 mg/l.
Acute dermal toxicity:	Acute percutaneous LD ₅₀ for rabbits: >2000 mg/kg.
Skin irritation:	Not an irritant
Eye irritation:	Not an irritant
Sensitisation:	Not a sensitiser
12) Ecological Information (On technical):	
Acute fish toxicity:	LC ₅₀ (96 h) for rainbow trout 0.14, bluegill sunfish 0.2, channel catfish 0.42 mg/l.
Toxicity for daphnia:	EC ₅₀ (48 h) 0.28 mg/l.
Toxicity to algae:	No data available

13) Disposal Considerations:

Disposal:



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 with the chemical or empty container.

14) Transportation Information:

Rail/road (RID/ADR):

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PENDIMETHALIN)
Class 9
Packing group III
UN No.: 3082



Sea (IMDG code):

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PENDIMETHALIN)
Class 9
Packing group III
UN No.: 3082



Air (ICAO/IATA):

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PENDIMETHALIN)
Class 9
Packing group III
UN No.: 3082



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/ for registration conditions.