

Material Safety Data Sheet


Fostonic[®] 80WP

Date of issue: 30th May, 2009

1) Identification of Substance:		
Product name:	Fostonic 80WP	
Active Ingredient(s):	Fosetyl Aluminium 80% WP	
ACVM Approval:	P5746	
ERMA Approval:	HSR000650	
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, 8.3A, 9.1C	
Risk Phrases	Irritating to eyes.	
Environmental hazard	Harmful to aquatic organisms.	
Primary route of exposure	Inhalation of dust.	
Symptoms relating to use		
- Inhalation	Not expected to present a significant inhalation hazard under anticipated conditions of normal use.	
- Skin contact	Not expected to present a significant skin hazard under anticipated conditions of normal use.	
- Eye contact	Redness. Blurred vision. Burning sensation. May cause eye irritation.	
- Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use.	
3) Composition Details:		
Chemical identity:	Fosetyl Aluminium	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Fosetyl Aluminium	039148-24-8	78 to 81.5 %
4) First Aid Measures:		
General Information:		
Skin contact:	For even minor contact, immediately remove contaminated clothing/wash skin thoroughly with mild soap / water.	

Eye contact:	In case of eye contact, immediately rinse with clean water for 10-15 minutes. Obtain emergency medical attention if pain, blinking, tears or redness persist
Ingestion:	Rinse mouth. DO NOT INDUCE VOMITING. Obtain emergency medical attention. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.
Inhalation:	Assure fresh air breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention if breathing difficulty persists.
Aggravating Conditions:	Repeated or prolonged exposure is not known to aggravate medical condition.
5) Fire-Fighting Measures:	
Flammable Class	Combustible material.
Prevention	Minimize generation of dust. No naked lights. No smoking. Quantity of dust may be sufficient to burn in open air or explode if confined, when mixed with air and exposed to ignition source.
Extinguishing media	Water. Foam. Carbon dioxide. Dry chemical.
Surrounding fires	Use water spray or fog for cooling exposed containers.
Special exposure hazards	When heated to decomposition, emits dangerous fumes.
Protection against fire	Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	Exercise caution when fighting any chemical fire.
6) Accidental Release Measures:	
Personal precautions:	Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.
Technical measures	When mixed with air and exposed to an ignition source, dust may burn in the open air.
After spillage and/or leakage	Spill area may be slippery. On land, sweep or shovel into suitable containers. Dilute residues and flush.
7) Handling & Storage:	
General	Approved dust or mist respirator should be used if airborne particles are generated when handling this material.
Precautions in handling and storage	Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. No naked lights. No smoking.

Technical Protective Measures:	Proper grounding procedures to avoid static electricity should be followed.
Handling:	Ensure prompt removal from eyes. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Storage:	Store in dry, well-ventilated area.
8) Exposure Control / Personal Protection:	
Personal protection	
- Respiratory protection	Where excessive dust may result, wear approved mask.
- Skin protection	Wear proper protective equipment.
- Eye protection	Chemical goggles or face shield with safety glasses.
- Ingestion	When using, do not eat, drink or smoke.
Industrial hygiene	Ensure prompt removal from eyes. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
9) Physical & Chemical Properties:	
Physical state at 20 °C:	Powder
Colour:	Whitish-grey.
Odour:	Characteristic.
Melting point/boiling point:	-
Density:	0.59
Surface tension [mN/m]:	-
pH:	4
Flash point [°C]:	-
Ignition Temperature: [°C]:	-
Explosive Limits:	-
Viscosity:	-
Solubility in water	-
10) Stability & Reactivity:	
Hazardous reactions	Avoid contact with: Strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition generates: Carbon monoxide.
Hazardous Polymerization	Will not occur.
Hazardous properties	When mixed with air and exposed to an ignition source, dust may burn in the open air or explode if confined.
11) Toxicological Information:	
Acute Ocular Toxicity	Irritating to eyes
Rat oral LD50 [mg/kg]	>2000
Rabbit dermal LD50 [mg/kg]	>2000
Rat inhalation LC50 [mg/l/4h]	>5220
On ingredients	See Heading: Information on ingredients.
12) Ecological Information:	
Ecological effects information	Harmful to aquatic organisms.
LC50 96h fish [mg/l]	>132
48 H-LC50 - Daphnia magna [ppm]	>132

IC50 72h Algae [mg/l]	21
On ingredients	See Heading: Information on ingredients.
13) Disposal Considerations:	
Disposal: 	Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.
Empty container precautions:	Avoid contamination of any water supply with chemical or empty container.
14) Transportation Information:	
Rail/road (RID/ADR):	Not regulated.
Sea (IMDG code):	Not regulated.
Air (ICAO/IATA):	Not regulated.
15) Regulatory Information:	
Approved handlers:	This product must be under the care of an approved handler during use.
Tracking:	No.
ACVM controls:	See www.nzfsa.govt.nz/acvm/ for registration conditions.

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