


Safety Data Sheet

Asulan® DC

1) Identification of Substance:		
Product name:	Asulan DC	
Active Ingredient(s):	365g/litre asulam	
ACVM Approval:	P9148	
EPA Approval:	HSR000424	
Distributed by:	Adria Crop Protection P.O. Box 535, Kumeu 0841, Auckland Ph: 09-412-9817 Fax: 09-412-9807 www.adria.nz	
Emergency Number:	National Poisons Centre 0800 POISON 0800 764 766	
2) Hazards Identification:		
Hazard classification:	6.3B - Skin irritant. 6.4A - Eye irritant. 6.8B – Reproductive or developmental toxicant. 9.1C – Aquatic toxicant. 9.2D – Soil toxicant.	
HSNO Classifications:	6.3B, 6.4A, 6.8B, 9.1C, 9.2D	
Risk and safety phrases:	Risk phrases: - Safety phrases: S2 – Keep out of reach of Children S24/25 – Avoid contact with skin and eyes.	
3) Composition Details:		
Chemical identity:	Asulam	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Asulam	2302-17-2	36.5
Non-hazardous components		Up to 100%
4) First Aid Measures:		
General Information:		
Skin contact:	After contact with skin, wash immediately with soap and water.	
Eye contact:	If product or spray enters eyes, wash out immediately and continue rinsing with clean water for at least 15 minutes. Obtain medical attention.	
Ingestion:	If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.	

Inhalation:	Keep patient calm. Remove to fresh air and seek medical attention.
Further Information:	Treatment: Treat according to symptoms (decontamination, vital functions). No known specific antidote.
5) Fire-Fighting Measures:	
Specific hazards:	Toxic fumes.
Extinguishing media and methods:	Dry chemical, water spray, foam, carbon dioxide.
Recommended protective clothing:	Wear SCBA and 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. Do not discharge into the subsoil/soil.
Spill procedures:	Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material.
Disposal procedures:	Dispose of waste safely, according to local Council regulations.
7) Handling & Storage:	
Handling:	Avoid contact with skin and eyes. Ventilation required. Keep away from: sparks, open flame and direct sunlight.
Storage:	Keep away from heat and protect from sunlight. Protect against freezing.
8) Exposure Control / Personal Protection:	
Engineering measures:	
Respiratory protection:	Wear respiratory protection if ventilation is inadequate. Particle filter with medium efficiency for solid and liquid particles.
Eye protection:	Safety goggles with side-shields.
Hand protection:	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. Wash hands and face before breaks and after work.

9) Physical & Chemical Properties:	
Form:	Liquid
Colour:	Brownish-tan
Odour:	Odourless
Melting point/boiling point:	N/A
Specific Gravity:	1.142
Surface tension:	N/A
pH:	7.0 - 8.0
Flash point:	N/A
Ignition Temperature:	N/A
Explosive Limits:	N/A
10) Stability & Reactivity:	
Conditions to avoid:	Temperature extremes
Materials to avoid:	Oxidizing agents, acids and alkali.
Hazardous reactions:	None known at time of publishing
11) Toxicological Information:	
Acute oral toxicity:	>5000 mg/kg for rats
Acute inhalation toxicity:	LC 50 (4 h) for rats >5 mg/L air
Acute dermal toxicity:	>2000 mg/kg for rats
Skin irritation:	Not an irritant
Eye irritation:	Not an irritant
Sensitisation:	Not a sensitiser
12) Ecological Information:	
Acute fish toxicity:	LC ₅₀ – (rainbow trout) >100 mg/L (96 h)
Toxicity for daphnia:	EC ₅₀ : 45 mg/L (48 h)
Toxicity to algae:	Asulam: EC ₅₀ (120 h, static) >0.66 mg/l.
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:	VERY TOXIC TO AQUATIC ORGANISMS. Avoid contamination of any water supply with chemical or empty container.
14) Transportation Information:	
Rail/road (RID/ADR):	Not classified as a Dangerous Good for transport in NZ.
Sea (IMDG code):	Not classified as a Dangerous Good for transport in NZ.
15) Regulatory Information:	
Approved handlers:	This product must be under the care of an Approved Handler at all times.
ACVM controls:	See www.foodsafety.govt.nz for registration conditions.

16) Other Information

For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

The data contained in this safety data sheet is based on our current knowledge and describes the product only with regard to safety requirements. The data does not describe the product's properties. Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any existing laws and legislation are observed