


# Safety Data Sheet

## Balear<sup>®</sup> 720SC

Date of issue: 30<sup>th</sup> March, 2011

<b>1) Identification of Substance:</b>		
Product name:	Balear 720SC	
Active Ingredient(s):	720g/L chlorothalonil	
ACVM Approval:	P7213	
ERMA Approval:	HSR000670	
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:	6.1B, 6.3B, 6.5B, 6.7B, 6.9A, 8.3A 9.1A, 9.2B, 9.3B	
Risk and safety phrases:	R40: Limited evidence of a carcinogenic effect. R41: Risk of serious damage to eyes. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
<b>3) Composition Details:</b>		
Chemical identity:	Chlorothalonil	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Chlorothalonil	1897-45-6	700-735g/L
<b>4) First Aid Measures:</b>		
General Information:		
Skin contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect or irritation develops.	
Eye contact:	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.	
Ingestion:	If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.	
Inhalation:	Assure fresh air breathing. Rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical advice.	

Further Information:	Treatment: Treat according to symptoms (decontamination, vital functions). No known specific antidote.
<b>5) Fire-Fighting Measures:</b>	
Specific hazards:	High temperature may liberate toxic gases. Halogens. Carbon monoxide. Carbon dioxide. Hydrogen chloride. Nitrogen oxides.
Extinguishing media and methods:	Water. Foam. Carbon dioxide. Dry chemical. Use extinguishing media appropriate for surrounding fire.
Recommended protective clothing:	Wear SCBA and 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.
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.
<b>7) Handling &amp; Storage:</b>	
Handling:	Avoid contact with skin and eyes. Ventilation required. Keep away from: sparks, open flame and direct sunlight.
Storage:	No naked lights. No smoking. Provide local exhaust or general room ventilation to minimise vapour concentrations.
<b>8) Exposure Control / Personal Protection:</b>	
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.

<b>9) Physical &amp; Chemical Properties:</b>	
Form:	Liquid
Colour:	White
Odour:	Negligible
Melting point/boiling point:	-
Density:	1.34
Surface tension:	N/A
pH:	7.2
Flash point:	N/A
Ignition Temperature:	N/A
Explosive Limits:	N/A
Viscosity:	810 cPs at 20°C
Other Data:	Particles size (mean): < 3.5 µm. Residue (sieve of 315 µm): Negligible. Residue (sieve of 150 µm): < 0.01%. Residue (sieve of 40 µm): < 0.01%.
<b>10) Stability &amp; Reactivity:</b>	
Conditions to avoid:	Stable under normal conditions.
Materials to avoid:	None known.
Hazardous reactions:	Reacts with: Finely divided metals. Oxidizing agent.
<b>11) Toxicological Information:</b>	
Acute oral toxicity:	> 2,000 mg/kg (rat)
Acute inhalation toxicity:	n/a
Acute dermal toxicity:	> 2,000 mg/kg
Skin irritation:	Not an irritant
Eye irritation:	Not an irritant
Sensitisation:	Not a sensitiser.
<b>12) Ecological Information:</b>	
Acute fish toxicity:	LC50 (50-96 h) 0.047mg/L
Toxicity for daphnia:	LC50 (48 h) 0.07
Toxicity to algae:	IC50 (72 h) 0.21
<b>13) Disposal Considerations:</b>	
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):

ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, LIQUID, N.O.S.  
(CHLOROTHALONIL 72% SOLUTION)  
Class 9  
Packing group III  
UN: 3082



Sea (IMDG code):

ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, LIQUID, N.O.S.  
(CHLOROTHALONIL 72% SOLUTION)  
Class 9  
Packing group III  
UN: 3082  
Marine Pollutant



Air (ICAO/IATA):

ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, LIQUID, N.O.S.  
(CHLOROTHALONIL 72% SOLUTION)  
Class 9  
Packing group III  
UN: 3082

**15) Regulatory Information:**

Approved handlers:

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

Tracking:

Yes.

ACVM controls:

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