



# SAFETY DATA SHEET

Product Name: Cyroshield Liquid

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

<b>Product name:</b>	Cyroshield Liquid
<b>Recommended use:</b>	Sheep Blow fly treatment.
<b>Company name:</b>	Alleva Animal Health Limited
<b>Address:</b>	1/116a Harris Road, East Tamaki, Auckland, 2013, New Zealand
<b>Telephone:</b>	0064-9-4181405
<b>Emergency telephone number:</b>	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111
<b>Date of Preparation</b>	2 September 2021 v2
<b>Restrictions of Use</b>	Refer to Section 15

## SECTION 2: HAZARDS IDENTIFICATION

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: HSR002223

### Pictograms



Chronic

Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.
Hazardous to soil organisms	H423	Hazardous to soil organisms
Hazardous to terrestrial invertebrates	H443	Hazardous to terrestrial invertebrates



<b>Prevention Code</b>	<b>Prevention Statement</b>
P103	Read label before use.
P260	Do not breathe fume, vapours or spray.
P273	Avoid release to the environment.

<b>Response Code</b>	<b>Response Statement</b>
P314	Get medical advice/attention if you feel unwell.

<b>Storage Code</b>	<b>Storage Statement</b>
<i>None allocated</i>	

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to Local Regulations or Authorities

### SECTION 3: COMPOSITION

<b>Product Components:</b>		
<b>Name</b>	<b>CAS #</b>	<b>Concentration</b>
Cyromazine	66215-27-8	500g/L
Other non-hazardous components	-	To bal

### SECTION 4: FIRST AID MEASURES

<b>First Aid</b>	<p><b>Skin Contact:</b> Wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice/attention.</p> <p><b>Eye Contact:</b> Rinse cautiously with water for 15 minutes. If eye irritation persists: Get medical advice.</p> <p><b>Ingestion:</b> Rinse mouth. Do NOT induce vomiting. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p><b>Inhaled:</b> Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult or if you feel unwell.</p>
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<b>Most important symptoms and effects, both acute and delayed</b>	<b>Symptoms:</b> May cause damage to organs through prolonged or repeated exposure.
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## SECTION 5: FIRE FIGHTING MEASURES

<b>Type of hazard:</b>	This product is non-flammable, non-combustible and non-explosive.
<b>Fire hazard properties:</b>	None known
<b>Extinguishing media and methods:</b>	Use media suitable for surrounding materials.
<b>Hazchem code:</b>	<b>None allocated</b>
<b>Recommended protective clothing:</b>	Wear protective gear. Do not allow water to enter drains.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Personnel involved in clean-up should wear appropriate personal protective equipment as detailed in Section 8 to minimise exposure. Restrict access to contaminated area.
<b>Environmental Precautions:</b>	Prevent material from entering surface water drains or waterways.
<b>Procedure for Spills:</b>	Contain the spill and prevent further dispersion. Retrieve intact containers from site. Place damaged containers into containment devices. Absorb spills with inert material and place in waste containers. Wash the area with water and absorb with further inert material. Collect spilled material and place in sealable containers for subsequent disposal.
<b>Procedure for Disposal:</b>	Contaminated material must be disposed of at an approved landfill or other approved facility in accordance with local, regional and national requirements. Avoid contamination of any water supply with product or empty container.

## SECTION 7: HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	<ul style="list-style-type: none"> <li>• Read label before use.</li> <li>• Apply with well-maintained and calibrated equipment.</li> <li>• Do not breathe fume, vapours or spray.</li> <li>• Avoid release into the environment.</li> </ul>
<b>Approved handlers:</b>	Not required
<b>Conditions for safe storage:</b>	<ul style="list-style-type: none"> <li>• Store away from incompatible materials listed in Section 10.</li> <li>• Store below 30°C in original container tightly closed.</li> </ul>



## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

No substance has exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12th EDITION.

<b>Engineering controls:</b>	Ensure that ventilation maintains dust levels below WES.
<b>Personal protection:</b>  	<b>Respiratory protection:</b> Not required. <b>Hand protection:</b> Wear appropriate clothing and gloves. <b>Eye protection:</b> Wear goggles. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Pink suspension
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	9.0 – 10.0
<b>Boiling Point</b>	Not applicable
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Not applicable
<b>Upper and Lower Explosive Limits</b>	Not applicable
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Specific Gravity</b>	1.14 – 1.16
<b>Solubilities</b>	Not applicable
<b>Partition Coefficient:</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not applicable
<b>Kinematic Viscosity</b>	Not applicable
<b>Particle Characteristics</b>	Not applicable

## SECTION 10: STABILITY AND REACTIVITY

<b>Stability of the substance:</b>	This product is stable under normal conditions.
<b>Conditions to avoid:</b>	None known.
<b>Material to avoid:</b>	None known.
<b>Hazardous decomposition products:</b>	No hazardous products are expected, except when heated to decomposition.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Acute effects:</b>	
<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Not applicable.
<b>Skin</b>	Not applicable.



<b>Chronic and long-term effects:</b>	
<b>Reproductive Systemic</b>	Not applicable.
<b>Carcinogenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>STOT/RE</b>	May cause organ damage from repeated exposure.

## SECTION 12: ENVIRONMENTAL INFORMATION

Hazardous to soil organisms  
Hazardous to terrestrial invertebrates

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Product disposal:</b>	<p>Preferably dispose of product by use in accordance with label directions.</p> <p>Otherwise dispose of product at an approved landfill, or other approved facility in accordance with local, regional and national regulations.</p> <p>Dispose of empty containers by wrapping in paper and putting in garbage for disposal at an approved landfill, or other approved facility in accordance with local, regional and national regulations. Avoid contamination of any water supply with empty container. Used needles and syringes should immediately be placed in a designated and appropriately labelled "sharps" container.</p>
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## SECTION 14: TRANSPORT INFORMATION



This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2012

## SECTION 15: REGULATORY INFORMATION

<b>Regulatory status:</b>	Approved pursuant to the HSNO Act, EPA Approval Code HSR002223 See <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for approval conditions.
<b>HSW (HS) Regulations 2017</b>	<b>Trigger Quantity</b>
Signage Trigger Quantities (Schedule 3)	10 000L
Emergency Response Plan (Schedule 5)	Not required
Secondary Containment (Schedule 5)	Not required
Tracking (Schedule 26)	Not required
Certified Handlers	Not required
Location Certificate	Not required
<b>HSNO Additional Controls (Restrictions of use)</b>	None
	Use for intended use only

## SECTION 16: OTHER INFORMATION

This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. ALLEVA Animal Health Limited makes no warranty with respect hereto and disclaims all liability from reliance thereon.

Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.

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Issued Date: 24 April 2017

Review Date: 24 April 2022

### Glossary

CAT Category

EC50 Median effective concentration.

EEL Environmental Exposure Limit.

EPA Environmental Protection Authority

HSNO Hazardous Substances and New Organisms.

HSW Health and Safety at Work.

LC50 Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.

LD50 Lethal dose to kill 50% of test animals/organisms.



LEL Lower explosive level.  
OSHA American Occupational Safety and Health Administration.  
TEL Tolerable Exposure Limit.  
TLV Threshold Limit Value-an exposure limit set by responsible authority.  
UEL Upper Explosive Level  
WES Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 12<sup>th</sup> edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

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Issued Date: 2 September 2021

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