

# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 16.01.2023

Revision: 16.01.2023

## 1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** ENVIROSHIELD®

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Anti-shatter harvest aid.

**Details of Manufacturer or Importer:**

Agspec Australia Pty Ltd  
1 Krummel Street  
Mt Gambier, SA, 5290

**Phone Number:** 1800 683 456

**Emergency telephone number:** : +61 427 490 551

## 2. HAZARDS IDENTIFICATION

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified according to the Globally Harmonised System (GHS).

**Signal Word:** None

**Hazard Statements:** None

**Precautionary Statements:** None

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization: Mixtures**

**Description:** No reportable hazardous substances or complex substances.

CAS No.	Description	
34363-01-4	Polymer of cyclohexane, 1-methyl- 4- (1-methylethyl)	100%

## 4. FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Ingestion:**

If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

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**Symptoms Caused by Exposure:**

Inhalation: Breathing in mists may cause respiratory irritation.

Skin Contact: May cause mild irritation in some people.

Ingestion: May cause nausea and vomiting.

**5 . FIRE FIGHTING MEASURES****Suitable Extinguishing Media:** Water fog, foam, dry chemical or carbon dioxide.**Specific Hazards Arising from the Chemical:** Hazardous combustion products include toxic fumes. Combustible liquid. Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

**6 . ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

**7 . HANDLING AND STORAGE****Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours.

Use only outdoors or in a well-ventilated area.

Take Precautionary measures against static discharge.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents and acid catalysts.

**8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.**Respiratory Protection:**

Respiratory protection is not required under normal use conditions.

**Skin Protection:**

Rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

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When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Amber Colour
<b>Odour:</b>	Terpene odour
<b>Odour Threshold:</b>	No information available.
<b>pH-Value:</b>	7
<b>Melting point/Melting range:</b>	No information available.
<b>Initial Boiling Point/Boiling Range:</b>	No information available.
<b>Flash Point:</b>	>200 °C
<b>Flammability:</b>	Combustible Liquid.
<b>Auto-ignition Temperature:</b>	No information available.
<b>Decomposition Temperature:</b>	No information available.
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available.
<b>Upper:</b>	No information available.
<b>Vapour Pressure:</b>	No information available.
<b>Density:</b>	No information available.
<b>Relative Density at 20 °C:</b>	0.96
<b>Vapour Density:</b>	No information available.
<b>Evaporation Rate:</b>	No information available.
<b>Solubility in Water:</b>	Insoluble. Forms an emulsion in water.
<b>Partition Coefficient (n-octanol/water):</b>	No information available.

## 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** Hazardous polymerisation will NOT occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Heat, sparks, open flames and other sources of ignition. Extreme temperatures and direct sunlight.

**Incompatible Materials:** Oxidising agents and strong acid.

**Hazardous Decomposition Products:** Toxic fumes

## 11 . TOXICOLOGICAL INFORMATION

**Toxicity:**

LD <sub>50</sub> /LC <sub>50</sub> Values Relevant to Classification:		
Oral	LD50	>16,000 mg/kg
Dermal	LD50	>16,000 mg/kg
Inhalation	LC50/4 hr	>2.46 mg/l

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**Acute Health Effects****Inhalation:** No adverse health effects expected.**Skin:** May cause mild irritation in some people.**Eye:** No adverse health effects expected.**Ingestion:** No adverse health effects expected.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available.**Existing Conditions Aggravated by Exposure:** No information available.**Additional toxicological information:** No information available.

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:**

Non-toxic to bees: LC50 / 48 hours &gt;200ug/bee

Non-toxic to earthworms: LC<sub>50</sub> / 14 days > 1000ppm.**Aquatic toxicity:** May cause long-term adverse effects in aquatic environments.**Persistence and Degradability:**

The active ingredient is biodegradable in soils within 15 days. However, it is not readily degradable in water.

**Bioaccumulative Potential:** No information available.**Mobility in Soil:** No information available**Other adverse effects:** No information available

## 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 . TRANSPORT INFORMATION

**UN Number** Not regulated**Proper Shipping Name:** Not regulated**Dangerous Goods Class:** Not regulated**Packing Group:** Not regulated

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## 15 . REGULATORY INFORMATION

**Australian Inventory of Chemical Substances:** This product DOES NOT contain hazardous ingredients.

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
Not Scheduled.

## 16 . OTHER INFORMATION

**Date of Preparation or Last Revision:** 16.01.2023

**Prepared by:** MSDS.COM.AU Pty Ltd

**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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