



Safety Data Sheet

according to WHS Regulations

Printing date 06.10.2021

Revision: 06.10.2021

1 Identification

Product Name: Apparent Suntan Flowable Seed Dressing

Other Means of Identification: Mixture

Other Name: Triadimenol + Cypermethrin Seed Dressing

APVMA Number: 91376

Recommended Use of the Chemical and Restriction on Use:

Agricultural seed dressing for wheat, barley and oats

Details of Manufacturer or Importer:

AIRR Apparent Pty Ltd

15/16 Princes Street

Newport, NSW, 2106

Phone Number: 03 5820 8400

Emergency telephone number: 0437 303 689

Email: enquiries@apparentag.com.au

2 Hazard(s) Identification

Hazardous Nature:

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)



Health hazard

Toxic To Reproduction 1B H360-H362 May damage fertility or the unborn child. May cause harm to breast-fed children.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Signal Word Danger

Hazard Statements

H360-H362 May damage fertility or the unborn child. May cause harm to breast-fed children.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dusts or mists.

P263 Avoid contact during pregnancy and while nursing.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

(Contd. on page 2)

Safety Data Sheet

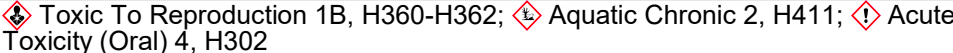
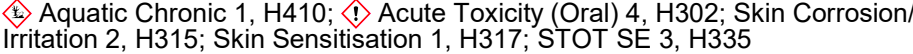
according to WHS Regulations

Printing date 06.10.2021

Revision: 06.10.2021

Product Name: Apparent Suntan Flowable Seed Dressing

(Contd. of page 1)

Hazardous Components:		
CAS: 55219-65-3	Triadimenol 	≤15%
CAS: 52315-07-8	Cypermethrin 	≤0.5%

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. 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 with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention.

Symptoms Caused by Exposure:

Inhalation: No adverse health effects expected.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

5 Fire Fighting Measures

Suitable Extinguishing Media:

Use fire extinguishing methods suitable to surrounding conditions. Recommended extinguishing media: carbon dioxide, foam or dry agent. If not available, use waterfog or fine water spray but ensure all runoff is contained.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include toxic fumes.

Product is not flammable.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

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.

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. Decontaminate spill area with water, soap and acetic acid/vinegar. Use bleach or caustic soda ash solution to neutralise the acidity of vinegar.

(Contd. on page 3)

Safety Data Sheet

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Printing date 06.10.2021

Revision: 06.10.2021

Product Name: Apparent Suntan Flowable Seed Dressing

(Contd. of page 2)

7 Handling and Storage

Precautions for Safe Handling:

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

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 direct sunlight, heat, open flames and other sources of ignition. Keep away from strong oxidising agents. Do NOT allow seed treated with this product to contaminate grain intended for human or animal consumption.

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:

Chemically impervious gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing, including cotton overalls and hat (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:

Safety glasses with top and side shields or chemical goggles. See Australian Standards AS/NZS 1336 and 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Liquid
Colour:	Blue
Odour:	No information available
pH-Value:	4.5 - 5.5
Melting point/freezing point:	approx. 0 °C
Initial Boiling Point/Boiling Range:	approx. 100 °C
Flash Point:	No information available
Flammability:	Product is not flammable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	1.057
Vapour Density:	No information available

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 06.10.2021

Revision: 06.10.2021

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(Contd. of page 3)

Evaporation Rate: No information available**Solubility in Water:** Dispersible**Partition Coefficient (n-octanol/water):** No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.**Conditions to Avoid:** Direct sunlight, heat, open flames and other sources of ignition.**Incompatible Materials:** Strong oxidising agents.**Hazardous Decomposition Products:** Toxic fumes.

11 Toxicological Information

Toxicity:**LD50/LC50 Values Relevant for Classification:****CAS: 55219-65-3 Triadimenol**

Oral	LD50	1,720-3,700 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
	LD50	>2,000 mg/kg (bobwhite quail)

CAS: 52315-07-8 Cypermethrin

Oral	LD50	82-779 mg/kg (mice)
		150-500 mg/kg (rat)
Dermal	LD50	1,600 mg/kg (rat)
		>2,000 mg/kg (rabbit)
Inhalation	LC50/4 h	>0.2 mg/l (rat)

Acute Health Effects**Inhalation:** No adverse health effects expected.**Skin:** May cause skin irritation.**Eye:** May cause eye irritation.**Ingestion:** May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.**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:**

May cause harm to breast-fed children.

May damage fertility or the unborn child.

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.

(Contd. on page 5)

Safety Data Sheet

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Printing date 06.10.2021

Revision: 06.10.2021

Product Name: Apparent Suntan Flowable Seed Dressing

(Contd. of page 4)

Chronic Health Effects: No data associated with long term health effects.**Existing Conditions Aggravated by Exposure:** No data available.**Additional toxicological information:**

The Australian Acceptable Daily Intake (ADI) for triadimenol for a human is 0.06 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 6.25 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species.

(Ref: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and Veterinary Chemicals', 2021).

The Australian Acceptable Daily Intake (ADI) for cypermethrin for a human is 0.05 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 4.7 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species.

(Ref: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and Veterinary Chemicals', 2021).

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:****CAS: 55219-65-3 Triadimenol**

EC50/96 h	9.6 mg/l (daphnia)
LC50/96 h	21.3 mg/l (rainbow trout)
LC50/48 h	51 mg/l (daphnia)

CAS: 52315-07-8 Cypermethrin

LC50/96 h	0.0018 mg/l (bluegill)
	0.0002 mg/l (daphnia)
	0.0082 mg/l (rainbow trout)

Persistence and Degradability: Biodegradable. Approximately 70% degradation in 28 days.**Bioaccumulative Potential:** Bioaccumulation is not expected to occur.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers:

Must not be disposed together with household garbage. Do not allow product to reach sewage system. 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

(Contd. on page 6)

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(Contd. of page 5)

15 Regulatory Information

Australian Inventory of Industrial Chemicals:

All components are on the inventory, or in compliance with the inventory.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 5

Australian Pesticides and Veterinary Medicines Authority:

This product is registered with the Australian Pesticides and Veterinary Medicines Authority. APVMA number 91376.

16 Other Information

Date of Preparation or Last Revision: 06.10.2021**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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)

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Skin Sensitisation 1: Skin sensitisation, Hazard Category 1

Toxic To Reproduction 1B: Reproductive toxicity – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

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 - July 2020”

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. AIRR Apparent Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.