

SAFETY DATA SHEET

SECTION 1

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Apparent Major**

Use: Pesticide decontaminant.
Company: AIRR Apparent Pty Ltd
Address: 15/16 Princes Street, Newport NSW 2106
ACN/ABN: 153 573 641
Email: [enquiries@ apparentag.com.au](mailto:enquiries@apparentag.com.au)
Emergency Contact: 0411 227 338

SECTION 2

HAZARDS IDENTIFICATION

**Classified as hazardous according to criteria of Safe Work Australia.
Not Classified as a Dangerous Good according to the ADG Code.**

Globally Harmonised System (GHS) classification of the substance/mixture:

Skin Corrosion/Irritation: Hazard Category 2.
Serious Eye Damage: Hazard Category 1.
Specific Target Organ Toxicity (Single Exposure): Hazard Category 3.
Hazardous to the Aquatic Environment – Short Term (Acute) Hazard: Hazard Category 2.

Hazard Statement:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H401 Toxic to aquatic life.

Signal Word: DANGER.

Precautionary Statements:

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands, arms and face thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTRE or doctor/physician.
P321 Specific treatment see Safety Directions on the product label.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

SECTION 2 HAZARDS IDENTIFICATION (Continued)

Disposal:

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

Pictogram:



SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

CHEMICAL	CAS NUMBER	PROPORTION
Dodecylbenzenesulfonic acid	27176-87-0	10-30%
Monoethanolamine	141-43-5	10-30%
Alcohols C12-14 ethoxylated	68439-50-9	1-5%
Trisodium phosphate	7601-54-9	1-5%
Sulfuric acid	7664-93-9	< 1%
Diethanolamine	111-42-2	< 1%
Other ingredients determined not to be hazardous		Balance

SECTION 4 FIRST AID MEASURES

FIRST AID

Ingestion: If swallowed, do not induce vomiting. If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. Urgent hospital treatment is likely to be needed. **Where medical attention is not immediately available or where the patient is more than 15 minutes from a hospital or unless instructed otherwise:**

INDUCE vomiting with fingers down the back of the throat, **ONLY IF CONSCIOUS**. Lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

NOTE: Wear a protective glove when inducing vomiting by mechanical means.

Eye contact: If in eyes, hold eyelids open and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay.

Skin contact: If skin or hair contact occurs, immediately remove contaminated clothing and wash affected areas thoroughly with plenty of running water (and soap if available). Seek medical attention/advice. Launder contaminated clothing before re-use.

Inhalation: Remove to fresh air and observe until recovered. If effects persist, seek medical advice.

Advice to Doctor: Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Specific Hazard: Not flammable. Heating may cause expansion leading to violent rupture of containers.

Extinguishing media: Extinguish fire using media suited to burning material. Use water to cool containers. Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances. In such an event consider: foam, dry chemical powder or carbon dioxide.

Hazards from combustion products: Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances.

Precautions for fire-fighters and special protective equipment: Isolate fire area. Evacuate downwind residents. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or smoke. Do not breathe smoke or vapours generated.

SECTION 6**ACCIDENTAL RELEASE MEASURES**

Emergency procedures: In the event of a major spill, prevent spillage from entering drains or water courses. Isolate and post spill area. Keep out unprotected persons and animals. Wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length neoprene gloves and face shield or goggles. In the case of spillage, stop leak if safe to do so, and contain spill. Prevent spillage entering drains or watercourses. Contain and absorb spilled material with absorbent material such as sand, clay, cat litter or material such as vermiculite. Collect recoverable product for use as labelled on the product. Vacuum, shovel or pump contaminated spilled material into an approved (non-metal) container and dispose of waste as per the requirements of Local or State Waste Management Authorities. Keep out animals and unprotected persons. Liquid is slippery.

Material and methods for containment and cleanup procedures: To clean spill area, tools and equipment, wash with water. Absorb, as above, any excess liquid and add both solutions to the drums of waste already collected. Do NOT allow spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways.

SECTION 7**HANDLING AND STORAGE**

Precautions for Safe Handling: Ensure containers are kept closed until using product. CORROSIVE. Product is poisonous if swallowed. The product is alkaline. Attacks skin and eyes. May produce severe burns. Will irritate the throat. Do not inhale vapour. Ensure adequate ventilation when using. Avoid contact with skin, eyes and clothing. When preparing and using solution wear elbow-length neoprene gloves, face shield or goggles. Do not mix with hot water. Do not mix with other chemicals. Do not mix with different types of chlorinating chemicals. Mix with water only. If product or solution is on skin, immediately wash area with soap and water. Wash hands after use. After each day's use wash gloves, face shield or goggles and contaminated clothing.

Alkanolamines and iron may produced unstable complexes. Monoethanolamine (MEA) and iron form a trisethanolamino-iron complex. This material may spontaneously decompose at temperatures between 130 and 160 degrees C. and is suspected of causing a fire in a nearly empty storage tank containing a "heel" of MEA in contact with carbon steel coils. If steam coil heating is used, low pressure steam in stainless steel coils should be considered. Drum heating should also be reviewed and, where possible, temperatures should be maintained below 130 degrees C.

Conditions for Safe Storage: Keep out of reach of children. Always store in the closed, original container in a dry, cool, well-ventilated area, out of direct sunlight. Do not store next to readily oxidisable materials. Do not subject to extremes of temperature. Store away from foodstuffs. Do not store for prolonged periods in direct sunlight. **DO NOT** use aluminium or galvanised containers.

SECTION 8**EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Guidelines: No exposure standard for this product has been established by Safe Work Australia. However there are exposure standards established for components of this product:-

Ingredient	Exposure Standard (TWA)	STEL (mg/m ³)
Monoethanolamine	7.5 mg/m ³ (3 ppm)	15 mg/m ³ (6 ppm)
Dipropylene glycol mono methyl ether	608 mg/m ³ (50 ppm)	-
Sulfuric acid	1 mg/m ³	3 mg/m ³
Diethanolamine	13 mg/m ³ (3 ppm)	-

Biological Limit Values:

No biological limit allocated.

Engineering controls:

Keep containers closed when not in use. Use only in well ventilated area. Ensure ventilation is adequate to maintain air concentration below exposure standards. If risk of overexposure exists, wear approved respirator.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)**Personal Protective Equipment (PPE):**

General: When preparing and using solution wear elbow-length chemical resistant gloves, face shield or goggles. It is advised to use rubber boots. If area is not well ventilated, use a full-face air respirator if exposure is prolonged.

Personal Hygiene: Product is harmful if swallowed. The product is acidic. Ensure adequate ventilation when using. Avoid contact with skin, eyes and clothing. Clean water should be available for washing in case of eye or skin contamination. Wash skin before eating, drinking or smoking. Shower at the end of the workday.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid.
Odour:	No data available.
Freezing point:	No data available.
Specific gravity:	Approximately 1.05 g/mL.
Solubility in Water:	No data available.
pH:	No data available.
Flammability:	Not flammable.
Flashpoint (°C):	Not applicable.
Poisons Schedule:	This product is a Schedule 5 (S5) poison.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Product is considered stable in ambient conditions for a period of at least 2 years after manufacture.

Conditions to avoid: Do not store for prolonged periods in direct sunlight. Store in the dark. Keep away from strong acids, acid chlorides, acid anhydrides and chloroformates. Avoid strong bases.

Incompatible materials: Avoid contact with copper, aluminium and their alloys.

Hazardous decomposition products: Product is likely to decompose after heating to dryness and continued strong heating and will emit toxic fumes including carbon dioxide, nitrogen and sulfur oxides.

Hazardous reactions: May react with metals to produce hydrogen, a highly flammable and explosive gas.

SECTION 11 TOXICOLOGICAL INFORMATION

No specific data is available for this product as no toxicity tests have been conducted on this product. Information presented is our best judgement based on similar products and/or individual components. As with all products for which limited data is available, caution must be exercised through the use of protective equipment and handling procedures to minimise exposure.

Potential Health Effects:

This product is corrosive and may produce severe burns. Attacks skin and eyes.

ACUTE EFFECTS

Swallowed: Harmful by ingestion. May cause nausea, vomiting, headache, corrosion of mucous membranes, oesophageal or gastric perforation and laryngeal oedema.

Eye: A severe eye irritant. Can cause corneal burns. High concentrations of vapours will cause irritation.

Skin: The material produces mild skin irritation; evidence exists, or practical experience predicts, that the material either produces mild inflammation of the skin in a substantial number of individuals following direct contact, and/or produces significant, but mild, inflammation when applied to the healthy intact skin of animals.

Inhaled: May cause irritation of the respiratory system and pulmonary oedema.

SECTION 11 TOXICOLOGICAL INFORMATION (Continued)

Chronic toxicity: Limited evidence shows that inhalation of the material is capable of inducing a sensitisation reaction in a significant number of individuals at a greater frequency than would be expected from the response of a normal population.

Pulmonary sensitisation, resulting in hyperactive airway dysfunction and pulmonary allergy may be accompanied by fatigue, malaise and aching. Significant symptoms of exposure may persist for extended periods, even after exposure ceases.

Prolonged or repeated skin contact may cause degreasing with drying, cracking and dermatitis following. Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.

SECTION 12 ECOLOGICAL INFORMATION

Environmental Toxicology: No data available for this product. Toxic to aquatic organisms.

Environmental Fate: No data available for this product. DO NOT discharge into sewer or waterways.

SECTION 13 DISPOSAL CONSIDERATIONS

Spills and Disposal: Persons involved in cleanup require adequate skin protection - see Section 8. Keep material out of streams and sewers. Dispose of drummed wastes, including decontamination solution in accordance with the requirements of Local or State Waste Management Authorities. In rural areas contact ChemClear <http://www.chemclear.com.au> for help with collection of unwanted rural chemicals.

Disposal of empty containers: Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

SECTION 14 TRANSPORT INFORMATION

Road & Rail Transport: Apparent Major is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail, the International Maritime Dangerous Goods (IMDG) Code or the International Air Transport Association (IATA):

SECTION 15 REGULATORY INFORMATION

Classified as a hazardous substance according to criteria of Safe Work Australia.

Under the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP), this product is a Schedule 5 poison.

Product is classified as a Dangerous Good according to the ADG Code (7th Ed), the International Maritime Dangerous Goods (IMDG) Code or the International Air Transport Association (IATA).

SECTION 16 OTHER INFORMATION

Issue Date: 12 August 2020. Valid for 5 years till 12 August 2025. (First issue).

Key to abbreviations and acronyms used in this SDS:

ADG Code: Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

Lavage: A general term referring to cleaning or rinsing.

Oedema: An accumulation of an excessive amount of watery fluid in cells, tissues, or serous cavities.

PPE: Personal protective equipment.

Teratogen: An agent capable of causing abnormalities in a developing foetus.

SECTION 16 OTHER INFORMATION (Continued)

TWA: The Time Weighted Average airborne concentration over an eight-hour working day, for a five day working week over an entire working life.

Safe Work Australia: Formally known as Australian Safety & Compensation Council (ASCC) which was formally known as the National Occupational Health & Safety Commission (NOHSC).

References

1. "Hazardous Chemicals Information System". Safe Work Australia HCIS website. (2020).
2. "Classifying Hazardous Substances" Safe Work Australia. August 2018.
3. Globally Harmonized System of Classification and Labelling of Chemicals (GHS). United Nations, 2009.

This SDS 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. 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.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. End SDS.