

# SAFETY DATA SHEET

According to Safe Work Australia

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Printing date: 16.01.2023

Revision: 16.01.2023

Product: CITOWETT

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** CITOWETT

**Other Means of Identification:** N/a

**Recommended Use of the Chemical and Restriction on Use:** A tank mix adjuvant to improve wetting and spreading of pesticides.

**Details of Manufacturer or Importer:**

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

**Phone Number:** 1800 683 456

**Emergency telephone number:** 0427 490 551

## 2 . HAZARDS IDENTIFICATION

**Non-Hazardous according to criteria of the ASCC.**

**Classified as Non-Dangerous Good according to the ADG Code**

**GHS Classification of the substance:** Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition).

Acute Toxicity-Oral: Category 4  
Eye Damage/ Irritation: Category 1  
Skin Corrosion/ Irritation: Category 2

STOT Single Exposure: Category 3 (respiratory tract irritation)

Hazardous to the Aquatic Environment-Long-Term Hazard: Category 2

**Signal Word(s):** DANGER

**Hazard Statement(s):** H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

**Pictogram(s):**



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## Precautionary statement – Prevention:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash contaminated skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only out doors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

## Precautionary statement – Response:

### GENERAL

P310 Immediately call a POISON CENTER or doctor/ physician.  
P391 Collect spillage.

### INGESTION

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
P330 Rinse mouth.

### SKIN

P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P362 Take off contaminated clothing and wash before reuse.  
P332+P313 If skin irritation occurs: Get medical advice/ attention.

### EYE

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contactlenses, if present and easy to do. Continue rinsing.

### INHALATION

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable forbreathing.

## Precautionary statement – Storage:

P405 Store locked up.  
P403+P233 Storeinawell-ventilated place. Keep container tightly closed.

## Precautionary statement – Disposal:

P501 Dispose of contents/ container to an approved waste disposal location.

## 3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS	Proportion
Octoxynol	9002 - 93 - 1	60-90%
Poly(oxy-1,2-ethanediyl), alpha - [(1,1,3,3- tetramethylbutyl) phenyl]- omega-hydroxy-	9036 - 19 - 5	10-30%
Ingredients determined not to be hazardous		Balance

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## 4 . FIRST AID MEASURES

**Inhalation:** If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

**Skin Contact:** Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

**Eye Contact:** If in eyes, hold eye lids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**Ingestion:** Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Carbon dioxide, dry chemical, foam, water mist or water spray. Alcoholresistant foam is preferred. If not available normal foam can be used.

**Unsuitable Extinguishing Media:** Do not use water jet.

**Hazards from Combustion Products:** Under fire conditions this product may emit toxic and/or irritating fumes and gases including: carbondioxide, carbon monoxide and oxides of nitrogen.

**Specific Hazards Arising from the Chemical:** This product will burn if exposed to fire.

**Hazchem Code:** •3Z

**Decomposition Temperature:** Not available

**Special Protective Equipment and Precautions for Fire Fighters:** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressuremode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and water courses.

## 6 . ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel.

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**Environmental Precautions:** If possible contain the spill. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or water ways occurs inform the local water and waste management authorities in accordance with local regulations.

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

Place inert absorbent, non-combustible material onto spillage. Use clean, non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal.

## **7. HANDLING AND STORAGE**

### **Precautions for Safe Handling:**

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build-up of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene, i.e., washing hands prior to eating, drinking, smoking or using toilet facilities.

### **Conditions for Safe Storage:**

Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, food stuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the store room, reference should be made to Australian Standard AS1940-The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

### **Storage Regulations:**

Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **Exposure Standards:**

No exposure limits or standards established.

### **Biological Limit Values:**

No biological limits allocated.

### **Engineering Controls:**

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

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**Respiratory Protection:**

If engineering controls are not effective in controlling airborne exposure, then an approved respirator with a replaceable vapour/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1716, Respiratory Protective Devices, in order to make necessary changes for individual circumstances.

**Skin Protection:**

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances, i.e., method of handling, or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves- Selection, use and maintenance. Suitable protective workwear, e.g., cotton overalls buttoned to neck, and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

**Eye and Face Protection:**

Safety glasses with full face shield should be used. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS1337- Eye Protectors for Industrial Applications.

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:****Form:** Liquid**Colour:** Clear Liquid**Odour:** Not Available**Decomposition Temperature:** Not Available**Boiling point:** Not Available**Melting point:** Not Available**Freezing point:** <0°C**Solubility in Water:** Dispersible**Specific Gravity:** 1.04 (20°C) (approximate)**pH:** 6-8 (1% aqueous solution)**Vapour Pressure:** Not Available**Vapour Density (Air=1):** Not Available**Evaporation Rate:** Not Available**Odour Threshold:** Not Available**Viscosity:** Refer to section 9: Kinematic Viscosity and Dynamic Viscosity**Volatile Component:** Not Available**Partition Coefficient: n-octanol/ water:** Not Available**Flammability:** Non-Flammable**Auto-ignition temperature:** Not Available**Flashpoint (°C):** >150°C**Flammability Limits Lower:** Not Available**Flammability Limits Upper:** Not Available

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**Explosion Properties:** Not Available

**Oxidising Properties:** Not Available

**Kinematic Viscosity:** Not Available

**Dynamic Viscosity:** Not Available

## 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** Refer to Section 10: Possibility of hazardous reactions

**Chemical Stability:** Stable under normal conditions of storage and handling.

**Conditions to Avoid:** Heat, open flames and other sources of ignition.

**Incompatible Materials:** Strong oxidising agents, acids and bases.

**Hazardous Decomposition Products:** Thermal decomposition may result in the release of toxic and/ or irritating fumes including: carbon dioxide and carbon monoxide.

**Hazardous Reactions:** Reacts within compatible materials.

**Hazardous Polymerization:** Will not occur.

## 11 . TOXICOLOGICAL INFORMATION

**Toxicity:**

**Acute Health Effects:**

**Oral:** LD50 (rat, male): 500mg/kg

**Inhalation:** May cause respiratory irritation. Inhalation of product vapours can cause irritation of the nose, throat and respiratory system.

**Skin:** LD50 (rat): 8000mg/kg

**Eye:** Causes serious eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

Eye irritation

Species:rabbit

Result: severe eye irritation

**Dermal/Skin Corrosion / Irritation:** Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

**Ingestion:** Harmful if swallowed. Ingestion of this product may cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.

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**Skin Sensitisation:** Not expected to be a skin sensitiser.

**Respiratory sensitisation:** Not expected to be a respiratory sensitiser.

**Germ Cell Mutagenicity:** Not considered to be a mutagenic hazard.

**Carcinogenicity:** Not considered to be a carcinogenic hazard.

**Reproductive Toxicity:** Not considered to be toxic to reproduction.

**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause respiratory irritation.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:** Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard:** Not expected to be an aspiration hazard.

**Chronic Health Effects:** Not available

**Existing Conditions Aggravated by Exposure:** Not available

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** Toxic to aquatic life with long lasting effects.

**Aquatic toxicity:** LC50 (Pimephales promelas (fathead minnow)): 8.9mg/l/96h

**Acute Toxicity – Daphnia:** EC50 (Daphnia): 26mg/l/48h

**Persistence and Degradability:** 90% readily biodegradable

**Bioaccumulative Potential:** Not available

**Mobility in Soil:** Not available

**Environmental Protection:** Do not discharge this material into waterways, drains and sewers.

**Other adverse effects:** Not available

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### 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose of waste according to applicable local and national regulations. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

**Special Precautions for Landfill or Incineration:** Not available

### 14 . TRANSPORT INFORMATION

This material is classified as Dangerous Goods Class 9 Miscellaneous Dangerous Goods

Class 9: Miscellaneous substances Dangerous Goods are incompatible in a placard load with any of the following:

Class 1: Explosives (when the class 9 substance is a fire risk substance) Division 5.1: Oxidising substances (when the class 9 substance is a fire risk substance) and

Division 5.2: Organic peroxides (when the class 9 substance is a fire risk substance)

Note: Special Provision AU01: Environmentally Hazardous Substances meeting the descriptions of UN3077 or UN3082 are not subject to this Code when transported by road or rail in:  
packaging's that do not incorporate a receptacle exceeding 500kg(L); or  
IBCs.

**U.N. Number:** 3082

**UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.- (Octoxynol)

**Transport hazard class(es):** 9

**Packing Group:** III

**Hazchem Code:** •3Z

**Special Precautions for User:** Not available

**IERG Number:** 47

**UN Number (Air Transport, ICAO):** 3082



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**IATA/ICAO Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.-(Octoxynol)

**IATA/ICAO Hazard Class:** 9

**IATA/ICAO Packing Group:** III

**IATA/ICAO Symbol:** Miscellaneous Dangerous Goods

**IMDG UN No:** 3082

**IMDG Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.- (Octoxynol) (Octoxynol) MARINE POLLUTANT

**IMDG Hazard Class:** 9

**IMDG Pack. Group:** III

**IMDG Marine pollutant:** Yes

**IMDG EMS:** F-A, S-F

**Transport in Bulk:** Not available

## 15 . REGULATORY INFORMATION

**Regulatory Information:** Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**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:** AGSPEC

### 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)

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### References:

1. "Search Hazardous Substances". Australian Safety and Compensation Council website. (2008).
2. "Approved Criteria for Classifying Hazardous Substances" 3rd Ed. NOHSC Australia. [NOHSC:1008 (2004)]. October 2004.
3. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
4. Standard for the Uniform Scheduling of Medicines and Poisons.
5. Australian Code for the Transport of Dangerous Goods by Road & Rail.
6. Model Work Health and Safety Regulations, Schedule10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
7. Work place exposure standards for airborne contaminants.
8. Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH)..
9. Globally Harmonised System of classification and labelling of chemicals.

### 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 - December 2011"

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