

Safety Data Sheet

WETTA

SDS No: SDS304/000

Effective Date: 24/10/2024

Next Revision Date: 24/10/2027

Revision no: 002

Product Code: 304

SECTION 1

COMPANY AND CHEMICAL PRODUCT IDENTIFICATION

Product Name: Wetta
Chemical Identifier: Alcohol Ethoxylates
Product Use: Adjuvant
Restrictions on use: Agriculture

Supplier: In Line Trading 112 (Pty) Ltd. (Co. Reg. No. 2003/008663/07)
Cedar Lake Industrial Estate,
C/O M57 & Porcelain Roads, Olifantsfontein, 1666, Gauteng, RSA
Telephone: (011) 392 4072
Website: www.nutrico.co.za

Emergency Contact Numbers

Griffon Poison Information : +27 82 446 8946

SECTION 2

HAZARDS IDENTIFICATION

Classification as defined by Regulation (EC) 1272/2008 [CLP] EU & SANS 10234:2008

Hazard Classes	Hazard Category	Hazard Statement Code	Hazard Statements
Physical			
Flammable liquid	3	H226	Flammable liquid and vapour
Health			
Acute toxicity (oral)	5	H303	May be harmful if swallowed
Acute toxicity (dermal)	-	-	-
Inhalation	-	-	-
Skin irritation	2	H315	Causes skin irritation
Eye damage	1	H318	Causes serious eye damage
Reproductive	-	-	-
STOT (SE/RE)	-	-	-
Environmental			
Aquatic (Acute)	Acute 2	H401	Toxic to aquatic life

Label elements: labelling as defined by Regulation (EC) 1272/2008 [CLP] EU & SANS 10234:2008

Hazard pictograms



Signal word – Danger

Precautionary statements

P101	If medical advice is needed, have product container or label in hand
P210	Keep away from heat, hot surfaces, sparks, open flames, and ignition sources. No Smoking
P264	Wash thoroughly with soap after handling.
P273	Avoid release to the environment.
P280	Wear impervious rubber gloves and chemical safety goggles.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P391	Collect spillage.
P501	Dispose of contents/container in accordance with local regulations.

Special labelling of certain mixtures – None known

Other hazards – None known

Toxicity: Classification according to GHS: 5

SECTION 3 **COMPOSITION/INFORMATION ON INGREDIENTS**

Substance/Mixture: Mixture

Declared Active Ingredients:

Chemical name	CAS No.	EC No.	Conc. %w/w	Classification Regulation (EC) 1272/2008
Alcohol Solvent	64-17-5		>30	H226
Alcohol Ethoxylates	-	-	>30	H303, H315, H318, H401

SECTION 4 **FIRST AID MEASURES**

INHALATION: This product is not classified as an inhalation toxicant. However, if toxication occurs, remove person from contaminated area to fresh air. Seek medical attention if irritation persists.

SKIN: Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. Obtain medical attention if irritation persists.

EYES: Flush eyes with clean water for at least 15 – 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **If irritation persists, seek medical attention.**

INGESTION: Rinse mouth thoroughly with water and give 2 to 3 glasses of water to drink if the person is alert. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IMPORTANT ACUTE EFFECTS: May be harmful if swallowed
Causes skin irritation
Causes serious eye damage
Toxic to aquatic life
Flammable liquid and vapour

IMPORTANT DELAYED EFFECTS: None

NOTE TO PHYSICIAN: This product contains alcohol and alcohol ethoxylates. Treat symptomatically and supportively.

SECTION 5
FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use carbon dioxide, dry chemical, water fog or foam

Unsuitable Extinguishing Media: High volume water jet. Use a water jet only to cool heated containers

Specific hazards: Not applicable

Special Fire Fighting Procedures: Remove spectators from surrounding area. Isolate the fire area and evacuate all personnel downwind of the fire. Keep upwind. Remove container from fire area if possible and without risk. Do not use high volume water jet, due to contamination risk. Water can be used to cool unaffected containers but must be contained for later disposal. Avoid pollution of waterways by run-off from the site

Personal protective equipment: Wear NIOSH/MSHA approved self-contained breathing apparatus and full protective gear

SECTION 6
ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes. Do not breathe in spray mist or fumes. Ventilate area of spill or leak, especially in contained areas

Protective equipment: Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product

Emergency procedures: Alert emergency personnel, evacuate unprotected personnel and animals.

Environmental Precautions: Prevent spilled product from entering sewers, waterways or ground water. This product is classified to be Toxic to aquatic organisms. Any spillages or uncontrolled discharges into watercourses should be reported immediately to the police and the Department of Water/Environmental Affairs.

Methods & Materials for Containment: Contain spilled product by diking area with sand or earth.

Methods & Materials for Clean-up: Cover contained spill with an inert absorbent material such as sand, vermiculite, earth or other appropriate material. Vacuum, scoop, or sweep up material and place the material into a clean,

dry, sealable container. Label containers with the contents and dispose of according to local regulations. Do not place spilled material back in original container. Do not re-use spill material. Collect washings and add to the drums already collected. Do not flush spilled material or washings into drains or waterways. To decontaminate the spill area, tools and equipment, wash with water and suitable detergent. See section 13 for disposal considerations.

SECTION 7 **HANDLING AND STORAGE**

HANDLING

Precautions for safe handling:

Avoid contact with skin and eyes. Ensure adequate ventilation during handling and use. Do not handle broken packages without protective equipment. Immediately clean up spills that occur during handling. Keep containers closed when not in use. In the case of contact with the product refer to First Aid Measures – Section 4.

General occupational hygiene:

Practice good hygiene when using this material. Wash hands before eating, drinking, chewing gum, smoking, using the toilet or applying cosmetics. Worker should shower at the end of each workday. Launder all clothing before it is re-used.

STORAGE

Conditions for safe storage:

Keep out of reach of unauthorised persons, children and animals. Store in its original, labelled container, tightly closed, in an isolated, dry, cool and well-ventilated area. Avoid excess heat. Not to be stored next to foodstuffs, feed and water supplies. Avoid cross contamination with other pesticides and fertilisers.

Incompatible substances and mixtures: Refer to product label.

Packaging material: Plastic containers and drums.

SECTION 8 **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Occupational exposure limits

Limit value type	Substance name	EC No.	CAS No.	Occupational exposure limit value		Monitoring & observation processes	Peak limitation	Source
				Long term	Short term			
STEL	Alcohol	-	64-17-5		1000ppm	-	-	Pubchem
TWA				1000ppm	-	-		

ENGINEERING CONTROLS:

It is essential to provide adequate ventilation. The measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. Local Exhaust: Provide general or local exhaust

ventilation systems to maintain airborne concentrations below OELs or other specified exposure limits. Local exhaust ventilation is preferred. Ensure that control systems are properly designed and maintained. Comply with occupational safety, environmental, fire, and other applicable regulations.

PERSONAL PROTECTIVE EQUIPMENT

- Respiratory Protection:** For most well-ventilated conditions, no respiratory protection should be needed. If used in a poorly ventilated area (airborne concentrations exceed exposure limits), use a NIOSH approved air-purifying respirator.
- Hand Protection:** The use of chemically protective gloves is recommended to prevent against skin contact.
- Eye Protection:** The use of chemical safety goggles is recommended to prevent against eye contact. Contact lenses are not protective eye devices.
- Skin and Body Protection:** Wear appropriate protective clothing; boots, hat and equipment to prevent repeated or prolonged skin contact with this substance.
- Emergency eyewash:** Where there is any possibility that a handler's eyes may be exposed to this substance; an eye wash fountain should be provided or appropriate alternative within the immediate work area for emergency use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Property	Value/description	Method
Physical state	Liquid	Visual
Colour	Light yellow	Visual
Odour	Acidic	Organoleptic
pH (1% aqueous dilution)	7.1	CIPAC MT 75.3
Melting/Freezing point	Not applicable	
Boiling point	Not applicable	
Flash point	>30 °C	
Flammability	Flammable liquid and vapour	
Vapour pressure	Not applicable	
Relative Vapour Density	Not applicable	
Density	0.95 – 1.00	Pycnometer
Solubility	Not applicable	
n-Octanol/Water partition coefficient	Not applicable	
Auto-ignition temperature	Not applicable	
Decomposition temperature	Not applicable	
Viscosity	Not applicable	
Explosive properties	Not explosive	
Oxidising properties	Not oxidative	

SECTION 10 STABILITY AND REACTIVITY

- Chemical Stability:** The product is stable for two years at ambient temperature and pressure, under normal storage and handling conditions. Avoid storage under extreme temperatures and conditions. Store

below 50 °C, preferably below 30 °C, and not for prolonged periods in direct sunlight.

Reactivity: None known.
Possibility of Hazardous Reactions: Unlikely to occur.
Conditions to Avoid: Extreme heat or exposure to flames.
Incompatible Materials: Oxidizing agents
Hazardous Decomposition Products: None known

SECTION 11
TOXICOLOGICAL INFORMATION

GHS classification: May be harmful if swallowed (H303)
 Causes skin irritation (H315)
 Causes serious eye damage (H318)

Toxicity	Effective dose/ concentration	Value	Species	Method/Source
Acute Oral	LD ₅₀	4808 mg/l	-	GHS ATE Calculation
Acute Dermal	LD ₅₀	7692 mg/l		
Acute Inhalation	LC ₅₀	N/A		
Skin irritation	Causes skin irritation			
Eye damage	Causes serious eye damage			
Skin sensitization	Not classified as a skin sensitizer			
Respiratory sensitization	Not classified as a respiratory sensitizer			
Mutagenicity/Genotoxicity:	Not classified as a mutagenic or genotoxic toxicant			
Carcinogenicity	Not classified as a carcinogen			
Reproductive toxicity	Not classified as a reproductive toxicant			
Specific target organ toxicity:	Not classified as a specific target organ toxicant			
Chronic effects:	None known			

SECTION 12
ECOLOGICAL INFORMATION

GHS classification: Toxic to aquatic life (H401)

Toxicity	Effect dose/ concentration	Value	Test duration	Species	Method/Source
Aquatic					
Fish	LC ₅₀	1300 ppm	96 hr	Rainbow trout	Pubchem
Crustacea	LC ₅₀	250 ppm	96 hr	Glass shrimp	CID:702

ENVIRONMENTAL EFFECTS

Persistence and degradability: Readily biodegradable in soil,
Bio-accumulative Potential: Low bio-accumulative potential due to high biodegradability
Mobility in soil: High mobility
Other adverse effects: Non known

SECTION 13
DISPOSAL CONSIDERATIONS

Hazardous waste according to Directive 2008/98/EC (waste framework directive).

Waste: Open dumping or burning of this product is prohibited. Waste resulting from the use of this product cannot be reused or re-processed. Never pour untreated waste or surplus product into public sewers or where there is any danger of run-off or seepage into water systems. Do not contaminate rivers, dams or any other water sources with the product or used containers. Comply with local legislation applying to waste disposal. The product may be taken to a registered waste disposal site or incineration plant.

Container: Emptied containers retain product residues. Do not re-use the empty container for any other purpose. Triple rinse empty containers by inverting the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water equal to a third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner. Destroy the container by perforating and flattening and dispose of through an approved waste dump site, incineration plant or recycling company. Observe all labelled safeguards until container is destroyed.

SECTION 14
TRANSPORT INFORMATION

UN Number: 1987

Road Transport ADR/IRD:

Class: 3

Packaging group: III

UN Proper Shipping Name: Alcohols, N.O.S

Maritime Transport IMDG/IMO:

Class: 3

Packaging group: III

UN Proper Shipping Name: Alcohols, N.O.S

Air Transport IATA/ICAO:

Class: 3

Packaging group: III

UN Proper Shipping Name: Alcohols, N.O.S

Special/Environmental Precautions: The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15
REGULATORY INFORMATION

Safety, health and environmental regulations/legislation for the mixture:

OHSA 1993 Regulations for Hazardous Chemical Substances.

Relevant information regarding restrictions: None.

EU regulation: Regulation EC1272/2008 (EU-GHS/CLP)

Other national regulations: None.

Chemical Safety Assessment carried out? No

SECTION 16
OTHER INFORMATION

PACKAGING:

Packed in 500 ml, 1 L, 5 L, 10 L, 20 L, 25 L, 210 L & 1000 L plastic containers and drums, labelled according to South African regulations and guidelines.

DISCLAIMER:

The information on this sheet is not a specification; it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed. All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors and omissions or the consequence thereof.