

SAFETY DATA SHEET

Du-Wett®

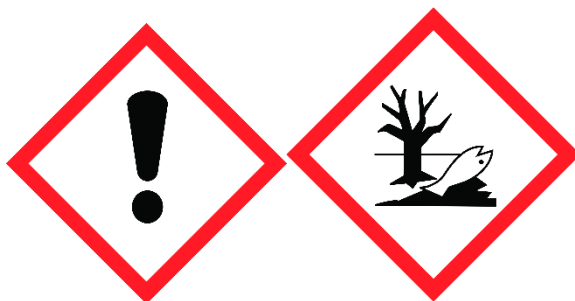
Date of Issue: 23rd June 2020

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Recommended use:	Siloxane polyalkyleneoxide copolymer Surfactant
Supplier:	UPL New Zealand Limited PO Box 51584, Pakuranga Auckland Phone 0800 100 325
Emergency telephone number:	0800 Poison (0800 764 766) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: 6.1D, 6.3B, 6.4A, 9.1B, 9.3B



Required identification Details:

Signal Word: WARNING

Harmful if swallowed, in contact with skin or inhaled.
May cause skin and eye irritation.
Toxic to the aquatic environment.
Toxic to terrestrial invertebrates.

If medical advice is needed, have product container or label at hand. Immediately call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
Call the POISON CENTER or doctor/physician if you feel unwell.
Rinse mouth.
Do NOT induce vomiting.
Wash contaminated clothing before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Siloxane Polyaklylenoxide copolymer	Proprietary	40-80%
Alcohol Ethoxylate	Proprietary	20-30%

4. FIRST-AID MEASURES

Description of necessary first aid measures: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Effects and symptoms

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Skin contact: In case of contact, remove contaminated clothing and shoes, immediately flush skin with plenty of water. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

Notes to a physician: Treat according to symptoms (decontamination, vital functions). No known specific antidote. Any material aspirated during vomiting may cause lung injury.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Foam. Carbon dioxide. Dry chemical. Use extinguishing media appropriate for surrounding fire.

Hazardous thermal (de)composition products: Oxides of carbon. Oxides of silicon. Carbon monoxide.

HAZCHEM Code: 2W

Protection of fire-fighters: Wear SCBA and chemical-protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes. Do not inhale spray. Wear long sleeved shirt, long pants, waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

Environmental precautions: Contain spill, do not allow material to enter sewers or bodies of water. Keep unprotected persons and animals out of the area.

Methods for cleaning up: Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely, according to Local Council regulations.

7. HANDLING AND STORAGE

Handling:

- Keep out of reach of children
- Read label before use.
- When mixing or applying, avoid contact with skin and eyes.
- Do not breathe fumes, vapours or spray.
- Wear protective clothing, gloves and goggles
- Do not eat or drink while using. Wash hands and face before meals and after work.
- Wash protective clothing after work.
- Avoid release to the environment.

Storage:

- Keep away from heat and protect from sunlight.
- Store in original container, tightly closed in a locked, dry, well ventilated place away from food or feedstuffs.

Packaging materials:

HDPE Plastic

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Exposure Standards:

Not established.

Engineering measures

Exposure control measures:

General room ventilation is expected to be satisfactory for use at room temperature.
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours at a low level.

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:

Wear respiratory protection if ventilation is inadequate. Particle filter with medium efficiency for solid and liquid particles.

Skin and body:

When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat.

Hands:

Elbow-length and PVC/nitrile gloves

Eyes:

Wear face shield or goggles.

General hygiene:

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

After each day's use, wash contaminated clothing and safety equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Liquid

Colour:

Colourless

Odour:

Mild odour

pH:

5 - 8

Vapour Pressure:

<1.33 h/Pa (1.00 mmHg) at 20°C

Boiling Point:

>150°C (estimated)

Freezing/melting point:

-5°C

Solubility:

Dispersible

Specific gravity or density:

1.0067 at 25°C

Information for flammable material including:

Not flammable.

Flashpoint:

110°C

Octanol/water partition coefficient: Not available

10. STABILITY AND REACTIVITY

Stability:	This product is unlikely to react or decompose under normal storage conditions.
Conditions to avoid:	This product should be kept in a cool place, preferably below 30°C. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.
Materials to avoid:	Strong oxidizing agents, strong acids and strong bases.
Hazardous Decomposition Products:	Burning can produce the following combustion products: Oxides of carbon, Oxides of silicon, Carbon monoxide. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.
Hazardous polymerization:	This product will not undergo polymerisation reactions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral : LD₅₀	>2,000 mg/kg (rat)
Acute toxicity - Dermal : LD₅₀	>2,000 mg/kg (rat)
Acute toxicity – Inhalation: LC₅₀	No data available
Skin irritation :	This product is a skin irritant (rabbit)
Eye irritation:	This product is an eye irritant (rabbit)
Sensitization :	This product is a sensitizer (mouse)
Chronic toxicity	Repeat ingestion may cause damage to liver, kidneys, thyroid male and female reproductive system and blood forming system.
Other information:	

12. ECOLOGICAL INFORMATION

No data available for this product. Values are for a similar product.

Aquatic	EC ₅₀ : 4.5 mg/L (96hr, Oncorhynchus mykiss) EC ₅₀ : 24 mg/L (48hr, Daphnia magna) NOEC: 3.2 mg/L (96hr, Oncorhynchus mykiss) NOEC: 5.6 mg/L (48hr, Daphnia magna)
Bioaccumulation	Not readily biodegradable
Degradability	No data
Soil	No evidence of soil toxicity
Terrestrial vertebrate	No evidence of toxicity towards terrestrial vertebrates
Terrestrial invertebrate	No evidence of toxicity towards terrestrial invertebrates

13. DISPOSAL CONSIDERATIONS

Methods of disposal :	Avoid contamination of any waterway with chemical or empty container.
Product:	Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, follow the recommendations in NZS 8409.
Empty Container:	Triple rinse container and add recycle through the Agrecovery Programme. If this is not possible bury in landfill.



14. TRANSPORT INFORMATION - International transport regulations

UN number: 3082
Class or Division: 9
Packing Group: III
Marine Pollutant: Yes
Proper shipping name: Environmentally hazardous substance, liquid, N.O.S (Siloxane polyalkyleneoxide copolymer)

**INTERNATIONAL AIR
TRANSPORT ASSOCIATION
(IATA):**

15. REGULATORY INFORMATION

ACVM Registered Number: Not classed as an Agricultural Compound
HSNO Approval Code: Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2006, HSR002503

16. OTHER INFORMATION

Additional information: **Original Issue Date: 1st September 2006**
Revision Date: 23rd June 2020
Replaces: ES442

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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