



PRODUCT SAFETY DATA SHEET

1. Product Name: Union

Marketed by:

De Sangosse New Zealand Limited, New Zealand.

Contact Points:

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New Zealand

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2. Hazards:

Dangerous Goods: Not Applicable

HSNO Classification: None

Prevention Statements: Keep out of reach of children.

If medical advice is needed, have product container or label at hand.

Read label before use.

Read safety data sheet before use.

Wash hands thoroughly after handling.

Wear protective gloves and eye/face protection.

Response Statements: If medical advice is needed, have product container or label at hand.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse thoroughly with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a doctor or physician if symptoms persist.

If skin irritation occurs: Get medical advice/ attention.

Take off contaminated clothing and wash before re-use.

3. Composition:

Appearance: White liquid.

CAS No: 67674-67-3 Poly(oxy-1,2-ethanediyl), a-[3-1,3,3,3-tetramethyl-1 (trimethylsilyloxy)disiloxanyl]propyl]-w-hydroxy

4. First Aid Measures:

General advice: Remove soiled or soaked clothing immediately

Ingestion: Thoroughly clean the mouth with water. DO NOT induce vomiting. Call for medical advice, show the container or the label.

Eye Contact: In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.

Skin Contact: In case of contact with the skin wash off with soap and water. Consult a Doctor if skin irritation persists.

Inhalation: Ensure supply of fresh air. In the event of symptoms seek medical treatment.

5. Fire Fighting Measures

Suitable extinguishing media:

Foam, carbon dioxide, dry powder, water spray

Extinguishing media which must not be used for safety reasons:

Full water jet

Special Hazards from the substance itself, combustion products or from its vapours:

In the event of fire the following can be released;

- Carbon monoxide, carbon dioxide, silicon oxide
- Nitrogen oxides (NOx)

Under certain conditions of combustion traces of other toxic substances cannot be excluded

Special protective equipment for firefighters:

Do not inhale explosion and/or combustion gases.

Fire fighters to wear self-contained breathing apparatus

Collect contaminated firefighting water separately, must not be discharged into drains.

6. Accidental Release (Spillage)

Personal precautions;

Use personal protective equipment

Environmental precautions;

Do not allow to enter drains or waterways

Do not discharge into the subsoil/soil

Methods for cleaning up/taking up;

Take up with absorbent material e.g. sand, kieslguhr, universal binder

Dispose of absorbent material in accordance with regulations

7. Storage and Handling

Handling:

Advise on safe handling;

Wear respiratory protection when spraying

Provide good ventilation of the working area (local exhaust ventilation if necessary)

Advise on protection against fire and explosion:

Keep away from sources of ignition – no smoking

Take precautionary measures against electrostatic loading

Cool endangered containers by water spray

Storage:

Further information:

Keep container tightly closed in a cool, well ventilated place
Protect from freezing

German storage class: 10

8. Personal Protection

General protective measures:

Avoid contact with eyes and skin
Do not inhale aerosols

Hygiene measures:

Do not eat, drink or smoke when working
Wash hands before breaks and after work
Remove soiled or soaked clothing immediately
Use barrier skin cream

Respiratory protection:

In case of formation of vapours/aerosols;
Short term: filter apparatus, Filter A-P2

Hand protection: PVC Gloves

Eye protection: goggles with side pieces

Skin and body protection:

Protective clothing

9. Physical and Chemical Properties

Form:	Liquid
Appearance and Odour:	White, specific to the product
Boiling / Melting point (C):	Not Available
Flashpoint (C):	Nil
Ignition Temperature:	not measured
Vapour Pressure:	Not Available
Density:	1,032/g/cm ³ At 25 degrees Celsius Method: DIN 51757
Solubility in Water:	Soluble.
Flammability Limits (%):	Not Applicable
pH Value:	neutral
Viscosity, dynamic:	approx.. 450mPa.s At 25 degrees Celsius Method: DIN 53015 (Hoppler)

10. Stability and Reactivity

Thermal decomposition:	Not measured
Hazardous reactions:	Non-hazardous reactions with proper storage and handling
Hazardous decomposition products:	None with proper storage and handling

11. Toxicological Information

Remarks:	Proper use provided, no adverse health effects have been observed or have been come to our knowledge
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12. Ecological Information

Further ecological information:	The product is considered to be a water pollutant (German Law) Do not discharge product unmonitored into the environment
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13. Disposal Considerations

- Container Disposal: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards
- Product Disposal: In accordance with local authority regulations, take to special waste incineration plant

14. Transport Information

- Land Transport
 ADR: Not regulated
 RID: Not regulated
 Inland Navigation transport:
 ADNR: Not regulated
 Sea Transport
 IMDG: Not regulated
 Air Transport
 ICAO/IATA: Not regulated

15. Regulatory Information

- Labelling in accordance with GefStoffV/EC:
 The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.
- National legislation/regulations:
 TA Luft(Germany): Class: Paragraph 5.2.5 (no Class0
 Observe local authority regulations corresponding to the German incident regulation (StorfallIV): ----
 Water contaminating class:
 2 (Classification acc. To German law)
 Risk classification according to BetrSichV(Germany):

 Other regulations: none

16. Other Information

None

R-phrases of components from Chapter 3 – Full wording

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|-------|--|
| 20 | Harmful to inhalation |
| 36 | Irritating to eyes |
| 52/53 | Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment |

This information is based on our present state of knowledge.
 It should not therefore be constructed as guaranteeing specific properties of the products described or their suitability for a particular application.
 Changes compared to the previous version are marked before the section number!