



# SAFETY DATA SHEET

**PRODUCT NAME:** WETEX F100

Issue Date: May 23

## IDENTIFICATION

**Product Name:** Wetex F100  
**Other Names:** 1-Dodecanamine, N,N-dimethyl-, N-Oxide (33-35%)  
**Product Code:** CWF10020  
**Supplier:** HamChem Hamilton Chemicals Ltd, 75 Ruffell Rd, Hamilton  
Phone: 079744971 Web: [www.hamchem.nz](http://www.hamchem.nz) Email: [info@hamchem.nz](mailto:info@hamchem.nz)

- In emergency dial 111, and then ask for Fire, Ambulance or Police as necessary.
- In case of poisoning phone National Poisons Centre – 0800 764 766

## HAZARD IDENTIFICATION



### GHS Classifications

Skin Corrosion – Category 1B  
Serious Eye Damage – Category 1  
Hazardous to the Aquatic Environment (Acute) – Category 1  
Hazardous to the Aquatic Environment (Chronic) Category 1

**Signal word:** DANGER

### Hazard Statements

H314 Causes severe skin burns and eye damage  
H318 Causes serious eye damage  
H410 Very toxic to aquatic life with long lasting effects

### Prevention

P260 Do not breathe dusts or mists  
P264 Wash hands, forearms and face thoroughly after handling  
P273 Avoid unintended release to the environment  
P280 Wear protective gloves/clothing and eye/face protection

### Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).  
P363 Wash contaminated clothing before reuse  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P310 Immediately call a POISON CENTRE or Doctor  
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.  
P310 Immediately call a POISON CENTRE or Doctor  
P391 Collect spillage

Recommendations, suggestions or statements made in the bulletins are intended for the assistance of our customers. They are based upon our experience and judgement but must not be regarded as amounting to a legal warranty or as involving any liability on our part and must be read in conjunction with and subject to our Conditions of Sale which apply to goods supplied by us.

HamChem Ltd, 75 Ruffell Rd, Hamilton, New Zealand. Phone 07 974 4971 Email - [info@hamchem.nz](mailto:info@hamchem.nz) Web: [www.hamchem.nz](http://www.hamchem.nz)

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**Storage**

P405 Store locked up

**Disposal**

P501 Dispose of contents/container to an approved waste facility in accordance with local regulations

**COMPOSITION & INFORMATION ON INGREDIENTS**

Chemical Entity	CAS No.	Proportion (%)
1-Dodecamine, N,N-dimethyl-, N-oxide	1643-20-5	33-35
Balance non-hazardous ingredients		to 100%

**FIRST AID MEASURES**

**National Poisons Centre – 0800 764 766 (0800 POISON)**

**If swallowed:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or Doctor immediately.

**If on skin:** Wash with plenty of soap and water. If skin irritation occurs get medical advice/attention. Take off contaminated clothing and wash before re-use.

**If inhaled:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTRE or Doctor.

**If in eyes:** Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a POISON CENTRE or Doctor/physician.

**Advice to doctor:** Treat symptomatically.

**FIRE FIGHTING MEASURES**

**Suitable extinguishing media:** Water fog, fine water spray, foam or dry agent.

**Extinguishing media that must not be used for safety reasons:** None specified.

**Special protective precautions and equipment for fire fighters:** Firefighters should use self-contained breathing apparatus and protective clothing in case of fire.

**Special hazards arising from the substance or mixture:** None known.

**Further information:** This product is not combustible.

**ACCIDENTAL RELEASE MEASURES**

**Environmental precautions:** Do not allow to enter drains, sewers or other aquatic environments.

**Methods for cleaning up/taking up:** Transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. Consider recycling.

**Additional information:** Ensure adequate ventilation. Use personal protective clothing.

**HANDLING & STORAGE**

**Advice on safe handling:** Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid direct contact with the substance.

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**Advice on protection against fire and explosion:** Not expected to be a hazard when used under normal conditions.

**Further information on storage conditions:** Protect from heat and direct sunlight. Keep container tightly closed.

EXPOSURE CONTROLS & PERSONAL PROTECTION
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HSIS Australian Workplace Exposure Standards: None established

New Zealand Workplace Exposure Standards: None established

**Occupational exposure controls**

**Engineering Controls:** Provide eyewash station and safety shower. Provide good ventilation of working area (local exhaust ventilation if necessary).

**Hygiene measures:** Avoid contact with eyes and skin. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

**Respiratory protection:** Use breathing apparatus in the event of vapour/mist formation. Select a filter suitable for combined particulate/organic gases and vapours [boiling point >65 °C (149 °F)] meeting EN141 (AS/NZS: 1716).

**Hand protection:** Suitable protective gloves

**Eye protection:** Safety glasses.

**Body protection:** Full overalls.

PHYSICAL & CHEMICAL PROPERTIES
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Physical State	Liquid
Appearance	Clear, colourless liquid
Colour	Clear
Odour	Mild
Odour Threshold	No data available
pH	7 – 8 (5% solution)
Evaporation Rate	No data available
Relative Evaporation Rate (butyl acetate = 1)	No data available
Melting Point/Freezing Point	N/A
Boiling Point	100°C
Flash Point	>93°C
Auto-ignition Temperature	No data available
Flammability (solid, gas)	N/A
Vapour Pressure	No data available
Relative Density	No data available
Density	960 kg/m <sup>3</sup>
Solubility	No data available
Partition coefficient	No data available
Viscosity, kinematic	18.75mm <sup>2</sup> /s
Viscosity, dynamic	18 cP (@25°C)
Explosive Properties	No data available
Explosive Limits	No data available
Minimum ignition energy	No data available

STABILITY & REACTIVITY
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**Stability:** The product is stable when used as prescribed.

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**Thermal decomposition:** No decomposition if used as prescribed.

**Hazardous decomposition products:** None expected under normal use conditions.

**Possibility of hazardous reactions:** No reactions if stored normally

**Conditions to avoid:** Avoid elevated temperatures and direct sunlight.

<b>TOXICOLOGICAL INFORMATION</b>
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**Acute oral toxicity:** LD50 >2000 mg/kg (mouse)

**Acute dermal toxicity:** Causes irritation to skin

**Acute inhalation toxicity:** No data available

**Irritant effect on skin:** Causes skin irritation.

**Irritant effect on eyes:** Causes serious eye damage

**Sensitisation effects:** Not sensitising

**Mutagenic effects:** No data available on finished product. Not expected.

**Teratogenicity:** No data available on finished product. Not expected.

**Reproductive effects:** No data available on finished product. Not expected.

**Carcinogenic effects:** No data available on finished product. Not expected.

<b>ECOLOGICAL INFORMATION</b>
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**Fish toxicity:** LC50 10.5 – 32 mg/l 96hr Brachydanio (reported data)

**Daphnia toxicity:** EC50 1.0 – 10.8mg/l 48hr Daphnia (reported data)

**Algae toxicity:** EC50 0.10 – 0.4mg/l 72hr Selenastrum (reported data)

**Bacteria toxicity:** No data available

**Biodegradability:** Components are readily biodegradable

**Bioaccumulation:** Components are not bioaccumulative.

**Mobility:** Dissolves in water. If product enters soil, it will be highly mobile and may contaminate groundwater.

**Remarks:** Incomplete ecotoxicological data are available for this product. The information given above is based partly on a knowledge of the components and the ecotoxicology of similar products. Considered to be Harmful to aquatic life.

<b>DISPOSAL CONSIDERATIONS</b>
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**Product:** Do not discharge into drains or the environment. Dispose of in accordance with local authority regulations.

**Un-cleaned packaging:** Consider recycling. Regulations concerning reuse or disposal of used packaging materials must be observed.

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TRANSPORT INFORMATION
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UN Number:	1760
Proper Shipping name:	CORROSIVE LIQUID, N.O.S. (1-Dodecanamine, N,N-dimethyl-, N-oxide)
Dangerous Goods Class:	8 – Corrosive Liquid
Packing group:	II
Hazchem Code:	2X

REGULATORY INFORMATION
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**HSNO Classifications:** 8.2B, 8.3A, 9.1A

**EPA approval code:** HSR002491 – Additives, Process Chemicals and Raw Materials (Corrosive) Group Standard 2020

OTHER INFORMATION
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**End of SDS.**