



## Nu Zone W

### Section 1. Identification

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**Common name:** Nu Zone W

**Synonym:** None

**Material uses:** Quick acting stripper for water-based sealant

**Supplier / Manufacturer:**

**La Margna inc**

412 avenue Saint-Sacrement

Québec

Québec, Canada, G1N 3Y3

Phone: 1-800-463-6850

**In case of emergency:**

**CANUTEC: (613) 996-6666**

**Or call your local Emergency Health Services Center.**

### Section 2. Hazards identifications

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**Classification:**



Skin irritation, Category 2

Serious eye damage, Category 1

Skin sensitization, Category 1

Specific target organ toxicity - Repeated exposure, Category 1

**Signal word:** Danger

**Hazard statements:**

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H372: Causes damage to organs through prolonged or repeated exposure.

**Precautionary statements:**

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P264: Wash exposed and/or contaminated area thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and

easy to do – continue rinsing.

P310: Immediately call a POISON CENTER or a doctor.

P314: Get medical advice/attention if you feel unwell.

P321: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P501: Dispose of contents / container by a local waste disposal company according to regional regulations.

### Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Monoethanolamine	141-43-5	0.1 - 5
2-Butoxyethanol	111-76-2	0.1 - 5
Hexahydro-tris-(hydroxy-2 ethyl)-1,3,5	4719-04-4	0.1 - 1

### Section 4. First aid measures

#### Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

#### Eye contact:

Rinse eyes thoroughly with water for at least 15 minutes.

#### Skin contact:

Take off immediately all contaminated clothing. Rinse the skin with water.

#### Inhalation:

Bring the conscious victim to fresh air.

#### Ingestion:

Do NOT induce vomiting.

#### Indication of immediate medical attention and special treatment needed, if necessary:

Treat according to symptoms.

#### Most important acute symptoms and effects:

Causes skin irritation. Causes serious eye damage.

#### Most important delayed symptoms and effects:

May cause an allergic skin reaction. Causes damage to organs through prolonged or repeated exposure.

### Section 5. Fire fighting measures

#### Flammability of the product:

Non-flammable

#### Flash point:

N/A

#### Auto-ignition temperature:

N/A

#### Products of combustion:

Not applicable

#### Special protective actions for fire-fighters:

Wear self-contained breathing apparatus and appropriate protective clothing.

#### Suitable extinguishing media:

Use means of extinction the most suited to the surrounding materials.

## Section 6. Accidental release measures

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### Personal precautions, protective equipment and emergency procedures:

**For non emergency personnel:** Evacuate the area.

**For emergency personnel:** Wear appropriate protective equipment and clothing during clean-up. (see section 8)

### Environmental precautions:

Do not let product enter drains

### Methods and material for containment and cleaning up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

## Section 7. Handling and storage

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### Precautions in Handling:

Do not ingest. Do not breathe vapours. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

### Precautions in Storage:

Keep container tightly closed in a cool, dry and well-ventilated place.

## Section 8. Exposure Controls, Personal Protections

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### Control parameters:

Component	CAS	Value	Control parameters	Basis
2-Butoxyethanol	111-76-2	TWA	96 mg/m <sup>3</sup>	ACGIH
		PEL	120 mg/m <sup>3</sup>	OSHA
		TWA	97 mg/m <sup>3</sup>	CNESST
Monoethanolamine	141-43-5	TWA	3 ppm	CNESST
		STEL	6 ppm	CNESST

### Engineering controls:

Use mechanical exhaust or laboratory fumehood to avoid exposure.

### Personal protective equipment:

**Eyes:** Wear safety glasses.

**Skin/body:** Wear a lab coat or any other appropriate protective clothing.

**Respiratory:** If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

**Hands:** Wear chemical resistant protective gloves.

## Section 9. Physical and chemical properties

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**Physical state:** Liquid

**Color:** Light orange

**Odour:** Slight

**Melting point/Freezing point:** 0°C / 32°F

**Boiling point:** 100°C / 212°F

**Appearance:** Liquid

**Flash point:** Data not available

**Auto-ignition temperature:** Data not available

**pH:** Data not available

**Solubility:** Miscible

**Density:** Data not available

## Section 10. Stability and reactivity

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**Chemical reactivity:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** None expected

**Conditions to avoid:** Prolonged exposure to high temperatures. Freezing. Exposure to incompatible materials.

**Incompatible materials:** Strong acids, strong bases, strong oxidizing agents

**Hazardous decomposition products:** None known

## Section 11. Toxicological information

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### Acute toxicity:

Component	CAS	Value
Monoethanolamine	141-43-5	DL <sub>50</sub> Oral: Rabbit = 1000 mg/kg DL <sub>50</sub> Cutaneous: Rabbit = 1018 mg/kg
2-Butoxyethanol	111-76-2	DL <sub>50</sub> Oral: Rat = 560 mg/kg CL <sub>50</sub> Inhalation: Rat - = 450 ppm 4h
Hexahydro-tris-(hydroxy-2 ethyl)-1,3,5	4719-04-4	DL <sub>50</sub> Oral: Rat = 763 mg/kg DL <sub>50</sub> Cutaneous: Rat > 2000 mg/kg

### Skin corrosion/irritation:

Monoethanolamine: Causes severe skin burns and eye damage.

2-Butoxyethanol: Causes skin irritation

### Serious eye damage/irritation:

Monoethanolamine: Causes serious eye damage.

2-Butoxyethanol: Causes serious eye irritation

### Respiratory or skin sensitisation:

Hexahydro-tris-(hydroxy-2 ethyl)-1,3,5: May cause an allergic skin reaction

### Gem cell mutagenicity:

Not applicable

**Carcinogenicity:**

Not applicable

**Reproductive toxicity:**

Not applicable

**STOT- Single exposure:**

2-Butoxyethanol: May cause respiratory irritation

**STOT- repeated exposure:**

2-Butoxyethanol: Causes damage to organs through prolonged or repeated exposure cause the hazard

**Aspiration hazard:**

Not applicable

**Information on likely route of exposure:**

Not applicable

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**Section 12. Ecological information**

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**Ecological data for aquatic environments:**

Component	CAS	Value
2-Butoxyethanol	111-76-2	CL <sub>50</sub> - Fish 1250 mg/L - 96h CE <sub>50</sub> - Shellfish 550 mg/L - 24h

**Persistence and degradability:**

2-Butoxyethanol: Easily biodegradabl

**Bioaccumulative potential:**

Data not available

**Mobility in soil:**

Data not available

**Other adverse effects:**

Data not available

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**Section 13. Disposal considerations**

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**Waste disposal:**

Dispose of the chemical waste is in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste.

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**Section 14. Transportation information**

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No TDG/DOT/IMDG/IATA Classification

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**Section 15. Regulatory information**

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**General product information:**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the safety data sheet contains all of the required information.

## Section 16. Additional information

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**Date of issue:**

2020-02-14

**Version:**

1.00

**Elaborated by:**

Toxyscan inc.

**Notice to reader:**

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**Références:**

- *Répertoire toxicologique of la Commission des normes, de l'équité, de la santé et de la sécurité du travail.*
- *Registry of Toxic effects of Chemical Substances of the Canadian Centre for Occupational Health and Safety.*
- *Material safety data sheet from the manufacturer.*
- *Hazardous Products Regulations (DORS/2015-17).*
- *Canadian Transport of Dangerous Goods.*
- *GHS (rev.8) (2019) globally harmonized system of classification and labeling of chemicals - united nations*