

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Degreaser**  
 Product Use: Heavy Duty Cleaner/Degreaser for Floors  
 Restriction of Use: Refer to Section 15

New Zealand Supplier: **YAW NZ Ltd**  
 Address: 140 High Street  
 Southbridge, 7642, Christchurch

Telephone: +64 3 347 8038  
 Email: info@yawhygiene.nz

**Emergency Telephone: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 3 March 2025 v2

### Section 2. Hazards Identification

**This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020**

**EPA Approval No: Cleaning Products (Corrosive) – HSR002526**

**Pictograms:**



Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Acute oral toxicity Cat. 4	H302	Harmful if swallowed.
Skin corrosion Cat. 1C	H314	Causes severe skin burns and eye damage.
Serious eye damage Cat. 1	H318	Causes serious eye damage.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment [if this is not the intended use].
P280	Wear protective clothing [as detailed in SDS Section 8].

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301 + P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage Code	Storage Statement
P405	Store locked up.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

### Section 3. Composition / Information on Ingredients

Ingredients	CAS NUMBER	Weight %
Sodium mono-C12-18-alkyl sulphate	68955-19-1	1-≤5
Sodium Carbonate	497-19-8	30-≤40
Tetrasodium (1-hydroxyethylidene) bisphosphonate	3794-83-0	1-≤5
Disodium Metasilicate	6834-92-0	5-≤10
Alcohols, C13-15, branched and linear, ethoxylated	157627-86-6	5-≤10
Xylenesulfonic Acid	1300-72-7	5-≤10

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. Seek immediate medical attention.
If Swallowed	Rinse mouth. Do NOT induce vomiting. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Call a POISON CENTER or doctor/physician if you feel unwell.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

### Most important symptoms and effects, both acute and delayed

#### Symptoms:

**Ingestion:** Harmful if swallowed.

Product Name: Degreaser  
Date of SDS: 3 March 2025

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd  
Tel: 64 9 475 5240 www.techcomp.co.nz

**Inhalation:** Not applicable.  
**Skin:** Causes skin burns.  
**Eye:** Causes serious eye damage.

## Section 5. Fire Fighting Measures

<b>Hazard Type</b>	The product is not flammable and non-combustible.
<b>Hazards from decomposition products</b>	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, NxOy.
<b>Suitable Extinguishing media</b>	All extinguishing agents allowed: foam, powder, carbon dioxide (CO2), water spray.
<b>Precautions for firefighters and special protective clothing</b>	Use a self-contained breathing apparatus and also a protective suit.
<b>HAZCHEM CODE</b>	<b>2X</b>

## Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel.

Do not allow to enter drains and water courses. Sweep up and shovel without dust, and dispose as normal garbage. Avoid dust formation. After cleaning, flush traces away with water. Dispose according to Section 13.

## Section 7. Handling and Storage

### Precautions for Handling:

- Read label before use.
- Do not breathe dust, mist or spray.
- Wash hands thoroughly after handling.
- Handle with dry hands.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- Wear protective clothing.

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Never mix with other materials.
- Store locked up.
- Keep container tightly closed and dry.

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

No ingredients have exposure limits.

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2025 15<sup>TH</sup> EDITION.

## Engineering Controls

Ensure adequate ventilation is available.

## Personal Protection Equipment:



<b>Eyes</b>	Wear goggles with side shields. Avoid wearing contact lenses.
<b>Skin</b>	PVC or other plastic material or natural rubber gloves. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.
<b>Respiratory</b>	No personal breathing protective equipment is normally required.
<b>General</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes. Do not eat, drink, or smoke during work. Wash hands immediately after handling the product.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Orange solid in polyvinyl alcohol film
<b>Odour</b>	Grapefruit
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not flammable
<b>Upper and Lower Exposure Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Bulk Density</b>	0.87 @ 20°C
<b>Solubilities</b>	Completely soluble
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Reactivity</b>	No data available.
<b>Possibility of hazardous reactions.</b>	Decomposes when moist.
<b>Conditions to Avoid</b>	Avoid excessive heat for prolonged periods of time. Do not store in damp areas.
<b>Incompatible Materials</b>	Never mix with acid products.
<b>Hazardous Decomposition Products</b>	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, NxOy.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Harmful if swallowed.
<b>Dermal</b>	Not applicable.

<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye damage.
<b>Skin</b>	Causes severe skin burns.

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

#### Individual component information:

##### Acute Toxicity:

<b>Chemical Name</b>	<b>Oral – LD50</b>	<b>Dermal = LD50</b>	<b>Inhalation – LC50</b>
Sodium carbonate (497-19-8)	4090 mg/kg (rat)	-	>1.15 mg/L (rat)
Sodium metasilicate (6834-92-0)	1280 mg/kg (rat)	-	-
Benzenesulphonic acid, dimethyl-, sodium salt (1300-72-7)	1000 mg/kg (rat)	-	-

## Section 12. Ecotoxicological Information

Toxic to aquatic life with long lasting effects.

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

## Section 13. Disposal Considerations

#### Disposal Method:

Collect all waste in suitable and labelled containers and dispose according to local legislation. Ensure waste container is labelled "Hazardous Waste – Corrosive, Ecotoxic"

**Disposal methods to avoid:** Do not allow to enter waterways.

## Section 14 Transport Information

**This product is classified as a Dangerous Good for transport in NZ; NZS 5433:2020**



#### Road, Rail, Sea and Air Transport

<b>UN No</b>	1759
<b>Class - Primary</b>	8
<b>Packing Group</b>	III

<b>Proper Shipping Name</b>	CORROSIVE SOLID, N.O.S. (Disodium metasilicate)
<b>Marine Pollutant</b>	Yes
<b>Special Provisions</b>	If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

## Section 15 Regulatory Information

**This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020**

**EPA Approval No: Cleaning Products (Corrosive) – HSR002526**

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000kg
Emergency Response Plan	1000kg
Secondary Containment	1000kg
Restriction of Use	Only use for the intended purpose.

## Section 16 Other Information

### Glossary

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

### References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices FEB 2025 15<sup>th</sup> edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

### Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage

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Please contact the New Zealand distributor, if further information is required.

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