



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Squeegee Tab**
Item Code:
Product Use: Window Cleaner
Restriction of Use: Refer to Section 15

New Zealand Supplier: **YAW NZ Ltd**
Address: Unit 4, 8 Izone Drive
Rolleston, Christchurch

Telephone: +64 3 347 8038
Fax Number: +64 3 347 8043

Emergency Telephone: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 22 April 2016

Section 2. Hazards Identification

This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

EPA Approval No: Cleaning Products (Subsidiary) – HSR002530

Pictograms:



Irritant



Corrosive

Signal Word: **DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.1E (oral)	H303	May be harmful if swallowed.	Category 5
6.3A	H315	Causes skin irritation.	Category 2
8.3A	H318	Causes serious eye damage.	Category 1
9.1C	H412	Harmful to aquatic life with long lasting effects.	Category 3

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing.

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.
P362	Take off and wash contaminated clothing before reuse.
P391	Collect spillage.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.

Storage Code	Storage Statement
None allocated	

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

Section 3. Composition / Information on Ingredients

Ingredients	CAS NUMBER	Weight %
Citric Acid	77-92-9	10-25
Sodium Carbonate	497-19-8	5-10
Sodium Dodecylbenzenesulphonate	25155-30-0	1-5
Polyethylene Glycol	25322-68-3	1-5
4-Nonylphenyl-Polyethylene Glycol	9016-45-9	1-5
Sodium Dodecyl Sulphate	151-21-3	1-5

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. Seek immediate medical attention.
If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs: get medical advice/attention.
If Swallowed	Rinse mouth. 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.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from combustion products	Formation of toxic gases is possible during heating or in case of fire.
Suitable Extinguishing media	Use fire extinguishing methods suitable to surrounding conditions.

Precautions for firefighters and special protective clothing	Use a self-contained breathing apparatus and also a protective suit.
HAZCHEM CODE	1Z

Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. For large spills, use respiratory protective device against the effects of fumes/dust/aerosol. Clear area of any unprotected personnel. Ensure adequate ventilation.

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

Dispose of according to Local Regulations.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Prevent formation of dust.
- Do not breathe dust, mist or spray.
- Use only in well ventilated areas.
- Avoid contact with the eyes.
- Wash hands thoroughly after handling.
- Avoid release into the environment.
- Do not eat, drink or smoke when using this product.
- Do not dry clean dust covered objects and floors.
- Wear protective clothing.

Precautions for Storage:

- Store away from oxidising agents.
- Do not store together with acids.
- Provide ventilation for receptacles.
- Protect from humidity and water.
- Keep container tightly closed, cool and dry.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

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.

Engineering Controls

Ensure adequate ventilation is available

Personal Protection Equipment

Eyes	Wear goggles with side shields. Avoid wearing contact lenses.
Hands and Skin	Wear protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the

	glove material on consideration of the penetration times, rates of diffusion and the degradation. Wear protective work clothing.
Respiratory	Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present. For spills, respiratory protection may be advisable.
General	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.

Section 9 Physical and Chemical Properties

Appearance	White powder
Odour	Odourless
Odour Threshold	Not applicable
pH	<8 (0.5% solution)
Boiling Point	Not applicable
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	Not applicable
Flammability	Not applicable
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	Not applicable
Relative Density	Not applicable
Solubilities	Soluble
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Product is not self-igniting.
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions. As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes risk of dust explosion.
Conditions to Avoid	Store away from oxidising agents.
Incompatible Materials	Reacts with strong acids and oxidising agents.
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide Sulphur oxides (SO _x).

Section 11 Toxicological Information

Acute Effects:

Swallowed	May be harmful if swallowed. Mixture rules = LD ₅₀ = 4506mg/kg
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes serious eye damage.
Skin	Causes skin irritation.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell	Not applicable.

Mutagenicity	
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

HSNO Classes: 9.1C = Harmful to aquatic life with long lasting effects.

Persistence and degradability	Undetermined
Bioaccumulation	Undetermined
Mobility in Soil	Undetermined
Other adverse effects	Undetermined

9016-45-9 4-nonylphenyl-polyethylene glycol
LC ₅₀ 1,821 mg/l (daphnia) (48 h)

Do not allow to enter waterways or drains.

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 – Ecotoxic"

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

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information

EPA Approval Code: Cleaning Products (subsidiary) – HSR002530

HSNO Classification: 6.1E(Oral), 6.3A, 8.3A, 9.1C

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	None

Section 16 Other Information

Glossary

EC50	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC50	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD50	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

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

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

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