

## Safety Data Sheet – Step 1 Wash

### 1. Identification

**Product Name:** - Step 1 Wash

**Proper Shipping Name:** Not applicable

**Recommended Use:** Polarisising wash to prepare a fibreglass, gelcoat or painted metal surface for Toughguard Polish.

**Manufacturer:**

**Name:** HR TOUGHGUARD  
**Address:** 9430 SW Coral Street, Suite 202-B  
 Portland, OR 97223  
**Phone:** 800-456-4743

**Distributor:**

**Name:** Toughguard NZ Ltd  
**Address:** 173 Fifield Terrace  
 Christchurch 8023  
**Phone:** 0223143624

**Emergency Contact:**

**In New Zealand:**  
 Emergency Services  
 Fire, Ambulance, Police – Dial 111  
 New Zealand Poisons & Hazardous Chemicals National  
 Information Centre:  
 phone 0800 POISON – 0800 764 766

### 2. Hazard Identification

**Statement of Hazardous Nature:**

**New Zealand:** Classified as hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

**Hazard Classification:**

DANGER



HSNO Classes: 6.3A, 8.3A

**Hazard Statements:**

Causes serious eye damage  
 Causes skin irritation

**Precautionary Statements:**

Keep out of reach of children.  
 Read label before use.  
 Read Safety Data Sheet before use

### 3. Composition & Information on Ingredients

<u>Ingredient</u>	<u>CAS #</u>	<u>% w/w</u>
Disodium trioxosilicate	6834-92-0	1-3%
Cocoamide MEA	68140-00-1	2-4%
Alcohol ethoxylate	68439-46-3	2-4%
Sodium lauriminidipropionate	14960-06-6	2-4%
Water	7732-18-5	Up to 100%

### 4. First Aid Measures

New Zealand Poisons & Hazardous Chemicals National  
 Information Centre  
 phone 0800 POISON – 0800 764 766

**Inhalation** – No symptoms noted.

**Skin** – Wash contaminated skin with plenty of soap and water. Take off contaminated clothes and wash contaminated clothes before reuse. If skin irritation occurs get medical advice/attention.

**Eyes** – Wash with water. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical assistance if eye irritation persists.

**Ingestion** – Rinse mouth with water. Seek medical assistance, or contact poisons information centre if you feel unwell.

**Advice to doctor:** Treat symptomatically.

If medical attention is required, have product label or container on hand.

### 5. Fire Fighting Measures

**Flammability:** Not flammable.

**Extinguishing media:** Use extinguishing media appropriate to surroundings.

**Auto-ignition temperature:** Not available

**Combustion products:** Carbon monoxide may be evolved.

**Flash point:** Not available.

**Flammability limits:** Not available.

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## 6. Accidental Release Measures

Do not allow to enter drains, groundwater or waterways.  
If spill occurs, mop up and rinse with water.

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## 7. Handling & Storage

### Safe Handling

Read product label before use.  
Wash hands thoroughly after using.  
Wear protective gloves, eye protection and face protection.

### Storage

Store in a cool, dry place out of direct sunlight.  
Keep out of reach of children.  
Avoid excessive heat.  
Avoid freezing.

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## 8. Exposure Controls & Personal Protection

### Exposure Standards

#### **Workplace Exposure Standards (WES):**

WorkSafe New Zealand (Feb 2013). No WES applied to products or ingredients.

### Engineering Controls

Ensure adequate ventilation.

### PPE

Wear protective gloves, eye protection and/or face protection.

**Eyes/Face:** Avoid contact with eyes. Splash resistant Safety Glasses with side shields, safety goggles (AS/NZS 1337), or a face-shield should be worn.

**Skin:** Rubber gloves should be worn.

**Respiratory protection:** Not necessary in well ventilated area.

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## 9. Physical & Chemical Properties

**Appearance:** Clear liquid

**Odour:** Slight detergent odour

**Vapour pressure:** 1mmHg

**Vapour density:** 1 (air=1)

**Boiling point:** >100°C

**Freezing point:** Not available

**Solubility (water):** Soluble

**Specific gravity:** 1 (H<sub>2</sub>O=1)

**Flash point:** Not available

**Flammability limits:** Not available

**Auto-ignition temperature:** Not available

**Evaporation rate:** 1

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## 10. Stability & Reactivity

**Stability:** Stable

**Conditions to avoid:** Not available

**Hazardous decomposition products:** Not available

**Incompatibility / Materials to avoid:** Not available

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## 11. Toxicological Information

### Health Effects / Symptoms of exposure for product mixture

**Ingestion:** Possible diarrhoea.

**Eyes:** Causes serious eye damage.

**Skin:** Causes skin irritation.

**Inhalation:** No specific symptoms noted.

### Toxicological Data

Ingredient	CAS #	Acute Toxicity Oral
Disodium trioxosilicate	6834-92-0	LD50: 1280mg/kg Rat*
Ethoxylated alcohol	68439-46-3	LD50: 1400mg/kg Rat*

\* Data from CCID.

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## 12. Ecological Information

Do not allow product to enter waterways.

**Environmental Exposure Limit (EEL):** None set

**Persistence in environment:** Not available

**Biodegradability:** Not available

**Mobility:** Not available

Ingredient	CAS #	Fish	Crustacean	Bioaccumulate	Biodegradable	Rabbit
Ethoxylated alcohol	68439-46-3	LC50: 8.5mg/L (96 hour exposure)*	EC50: 5.3mg/L Daphnia (48 hour exposure)	No*	Yes*	Deemed severely irritating to skin*
Disodium trioxosilicate	6834-92-0					Deemed corrosive to eyes*
Cocoamide MEA	68140-00-1	LC50: 28.5mg/L (96 hour exposure)*				

\* Data from CCID.

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## 13. Disposal Considerations

Avoid release to the environment.

Waste should be disposed of by a hazardous waste contractor following the regulations of local authorities.

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## 14. Transport Information

Not classified as a Dangerous Good according to NZS 5433:2007

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**Proper Shipping Name:** Not applicable

**Packing Group:** Not available

**UN Number:** Not available

**EPG:** Not available

**DG Class:** Not available

**Marine Pollutant:** Not available

**Subsidiary Risk:** Not available

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## 15. Regulatory Information

### New Zealand

All components listed in the NZIoC.

HSNO Classifications: 6.3A, 8.3A. HSNO Group Standard: Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006. HSNO Approval Number HSR002670.

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## 16. Other Information

### Abbreviations / Terminology:

% w/w	percentage – weight for weight
CAS#	Chemical Abstract Service number (a unique identifier for chemicals)
CCID	Chemical Classification and Information Database
EEL	Environmental Exposure Limit
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
NZIoC	New Zealand Inventory of Chemicals
WES	Workplace Exposure Standard

**Current Version:** 23 May 2016

### Revision Information:

Current revision: Updated and reformatted with HSNO information to be New Zealand compliant.

SDS may be revised from time to time, please ensure you have a current copy.

This SDS has been prepared with reference to the HSNO Approved Code of Practice for the Preparation of Safety Data Sheets (HSNO CoP 8-1, NZCIC, September 2006).

**Disclaimer:**

This safety data sheet attempts to describe as accurately as possible the potential exposures associated with normal use of the product described herein. Health and safety precautions in the data sheet may not be adequate for all individuals and/or situations. Users have the responsibility to evaluate and use this product safely and to comply with all applicable laws and regulations.

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END OF SDS