

**Safety Data Sheet**

Revision Date: 29.1.25

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## Tough Original

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### Classification of Product:

Classified as **HAZARDOUS** according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

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#### 1. IDENTIFICATION:

- a. Product name: Tough Floor
  - b. Other means of identification: Tough Original
  - c. Recommended use of the chemical  
Cleaning greasy surfaces.
  - d. Manufacturer details:  
Dalcon Hygiene  
36 Victoria St Smithfield  
NSW 2164  
Australia  
PH: (02) 9604 1155  
FAX: (02) 9604 9055  
Email: admin@dalconhygiene.com.au
  - e. Poisons information centre: 13 11 26 (Australia)
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#### 2. HAZARD(S) IDENTIFICATION

- a. **Classification of the hazardous chemical:**  
Acute toxicity (Oral) Category 4  
Acute toxicity (Inhalation) Category 4  
Acute toxicity (Dermal) Category 4  
Eye irritation Category 2  
Skin irritation Category 2
- b. **Signal word: WARNING**

c. **Pictogram(s):** exclamation



d. **Hazard statement(s):**

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled

H315 Causes skin irritation.

H319 Causes serious eye irritation.

e. **Precautionary Statement(s):**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

**Prevention**

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

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

P271 Use only outdoors or in a well-ventilated area.

**Response**

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

P330 Rinse mouth.

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

P362 Take off contaminated clothing and wash before reuse.

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

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Storage**

P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal**

P501 Dispose of contents/ container to an approved waste disposal plant

Components	CAS number	Proportion	Hazard Codes
H <sub>2</sub> O	7732-18-5	>60%	-
Butyl glycol ether	111-76-2	<10%	H227, H302, H312, H315, H319, H332
Sodium tripolyphosphate	7758-29-4	<5%	H315 H319 H335
Alcohols, C12-14, ethoxylated	68439-50-9	<1%	H302 H318 H400
Sodium Metasilicate	10213-79-3	<1%	H302. H314, H335
Non-hazardous Components	-	<10%	-
Colour and perfume	-	<5%	-

#### 4. FIRST-AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor

##### **Inhalation:**

Avoid inhaling vapours/fumes. If feeling unwell, move to fresh air. Seek medical advice if necessary.

##### **Skin Contact:**

Avoid contact with skin. If contact occurs, immediately rinse well with water and soap. Remove contaminated clothing. If irritation occurs seek medical attention.

##### **Eye Contact:**

Immediately flush the eyes with running water for at least 15 minutes, holding the eyelids open. Remove clothing if contaminated and wash skin. Seek medical attention.

##### **Ingestion:**

Rinse mouth with water. If swallowed, do not induce vomiting. Give a glass of water and seek medical attention.

#### 5. FIRE-FIGHTING MEASURES

##### a. **Suitable extinguishing equipment:**

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

##### b. Specific hazards arising from the chemical

Carbon Oxides

##### c. Special protective equipment and precautions for fire fighters:

On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Keep containers and surroundings cool with water spray

6. ACCIDENTAL RELEASE MEASURES

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

Slippery when spilt, avoid accidents and clean up immediately.

Clear the area of personnel.

Ensure adequate ventilation.

Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Avoid breathing in the fumes. Wear protective eye goggles and gloves.

**Environmental precautions:**

Keep away from drains and surface and ground water

**Methods and materials for containment and cleaning up:**

Containment: store in a bunded area

Clean up procedures: Wear protective eye goggles and gloves. Clean up using absorbent material and dispose of as outlined in section 13.

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7. HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

a. **Precautions for safe handling**

Avoid skin and eye contact and breathing in vapour, mists and aerosols. Use in a well ventilated area.

Keep out of reach of children.

Avoid eating, drinking or, smoking when using this chemical.

Wash hands after use.

Remove contaminated clothing and protective equipment after using chemicals and before entering eating areas.

b. **Conditions for safe storage, including incompatibilities.**

Store in cool place and out of direct sunlight.

Store in a bunded area.

Store away from foodstuffs.

Store away from incompatible materials described in Section 10.

Keep containers closed when not in use - check regularly for leaks.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

a. Exposure Guidelines:

No value assigned for this specific material by safe work Australia.

For the constituent Butyl Glycol Ether:

OSHA PEL 50 ppm 240 mg/m<sup>3</sup>

ACGIH TLV (8-hour) 20 ppm

Confirmed animal carcinogen with unknown relevance to humans.

- b. Engineering controls:
  - Ensure adequate ventilation.
  - Keep containers closed when not in use
- c. Individual Protection measures:
  - When handling this chemical, individuals should wear safety goggles, eye protection and plastic overalls. Respiratory protection is not normally required except in emergencies or when excessive vapours are produced.
  - Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Full contact

Material: Nitrile rubber  
Minimum layer thickness: 0.4 mm  
Break through time: 480 min

Splash contact

Material: Nitrile rubber  
Minimum layer thickness: 0.2 mm  
Break through time: 30 min

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9. PHYSICAL AND CHEMICAL PROPERTIES

- a. Physical state: Liquid
- b. Colour: Yellow
- c. Odour: None
- d. pH: 10
- e. Melting point/freezing point: 0°C
- f. Initial boiling point and boiling range: 100°C
- g. Flash point: NA
- h. Flammability: NA
- i. Upper/lower flammability or explosive limits: NA
- j. Vapour pressure: NA
- k. Relative density: NA
- l. Solubility: miscible in water

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10. STABILITY AND REACTIVITY

- a. Reactivity: None known
- b. Chemical stability: Stable at normal ambient temperature and pressure
- c. Possibility of Hazardous reactions: None known
- d. Conditions to avoid: Avoid contact with foodstuffs. Only mix with water.
- e. Incompatible materials: Oxidising agents
- f. Hazardous decomposition products: Carbon dioxide, carbon monoxide and potentially other organic compounds.

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11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:**

Swallowing can result in nausea, vomiting, diarrhoea, and gastrointestinal irritation.

**Skin corrosion/irritation:**

Contact with skin may cause irritation. May cause skin sensitisation in sensitive individuals. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

**Serious eye damage/irritation:**

Eye contact may cause irritation.

**Respiratory or skin sensation:**

Breathing in mists or aerosols may produce respiratory irritation

No Toxicological information for this product.

For the constituent Butyl Glycol Ether:

Acute dermal toxicity LD50 rabbit: > 1,000 - 2,000 mg/kg.

Acute inhalation toxicity LC50 rat (4 hours): > 10 - 20 mg/l.

Acute oral toxicity LD50 rat: > 300 - 2,000 mg/kg.

Skin corrosion/irritation (rabbit): Irritating.

Eye damage/irritation (rabbit): Irritating.

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12. ECOLOGICAL INFORMATION

- a. Ecotoxicity: Avoid contaminating waterways

No information for this product, for the constituent Butyl Glyco Ether:

LC50 (Oncorhynchus mykiss (rainbow trout)) 96 hours: > 100 mg/l; static test

- b. Persistence and degradability: This material is biodegradable

- c. Bio-accumulative potential: Doesn't bio-accumulate

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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of containers in accordance with local/regional/national/international regulations. Dispose of material through a licensed waste

contractor. Decontamination and destruction of containers should be considered.

Do not allow waste to enter waterways.

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#### 14. TRANSPORT INFORMATION

Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; Dangerous Goods.

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

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

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#### 15. REGULATORY INFORMATION

This Material is hazardous according to Safe Work Australia; **Hazardous Substance**

##### **Classification of the hazardous chemical:**

Acute toxicity (Oral) Category 4

Acute toxicity (Inhalation) Category 4

Acute toxicity (Dermal) Category 4

Eye irritation Category 2

Skin irritation Category 2

##### **Hazard Statements**

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled

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H319 Causes serious eye irritation.

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#### 16. OTHER RELEVANT INFORMATION

This Safety Data Sheet (SDS) has been prepared by Dalcon Hygiene

Reason(s) for Issue:

- Alignment to GHS requirements

This SDS summarises to the best of our knowledge at the date of issue, the chemical health and safety hazards of the material and provides general guidelines on how to safely handle the material. Dalcon Hygiene cannot anticipate or control the conditions under which the product may be used, stored and transported, therefore, each user must, prior to usage, assess and control the possible risks.

If clarification or further information is required, the user should contact Dalcon Hygiene at the contact details in section 1d.

By using this product, the user agrees that they have read and understood this SDS, and, knowing the risks associated with the product, wish to use the product.