

# CHEMTECH GREASE-OFF

Chemwatch Independent Material Safety Data Sheet  
Issue Date: 14-Mar-2011  
C9317EC

CHEMWATCH 25-5223  
Version No:2.0  
CD 2011/1 Page 1 of 5

## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME

CHEMTECH GREASE-OFF

### SYNONYMS

"Product Code: CGO"

### PRODUCT USE

Heavy duty cleaner and degreaser.

### SUPPLIER

Company: ITW AAMTech

Address:

100 Hassall Street

Wetherill Park

NSW, 2164

Australia

Telephone: +61 2 9828 0900

Emergency Tel: **1800 039 008 (24 hours)**

Emergency Tel: **+61 3 9573 3112 (24 hours)**

Fax: +61 2 9725 4698

Company: Wynn's New Zealand

Address:

Unit 2, 38 Trugood Drive

East Tamaki

Auckland, 2013

New Zealand

Telephone: +64 9272 1940

Emergency Tel: **+800 2436 2255 (24hours)**

Emergency Tel: **+613 9573 3112 (24hours)**

Fax: +64 9272 1949

## Section 2 - HAZARDS IDENTIFICATION

### STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to NOHSC Criteria, and ADG Code.

### RISK

Risk Codes

R36/38

Risk Phrases

- Irritating to eyes and skin.

### SAFETY

Safety Codes

S24

S39

S40

Safety Phrases

- Avoid contact with skin.

- Wear eye/face protection.

- To clean the floor and all objects contaminated by this material, use water.

S26

- In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.

S46

- If swallowed, IMMEDIATELY contact Doctor or Poisons Information Centre. (show this container or label).

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
surfactants and sequestrants proprietary		1-10
alkaline salts	Not avail.	1-5
other non- hazardous ingredients		>60

## Section 4 - FIRST AID MEASURES

### SWALLOWED

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.

continued...

# CHEMTECH GREASE-OFF

## Chemwatch Independent Material Safety Data Sheet

Issue Date: 14-Mar-2011

C9317EC

CHEMWATCH 25-5223

Version No:2.0

CD 2011/1 Page 2 of 5

Section 4 - FIRST AID MEASURES

### EYE

- If this product comes in contact with the eyes:
- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Seek medical attention without delay; if pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### SKIN

- If skin contact occurs:
- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

### INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

### NOTES TO PHYSICIAN

- Treat symptomatically.

---

## Section 5 - FIRE FIGHTING MEASURES

---

### EXTINGUISHING MEDIA

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves for fire only.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use fire fighting procedures suitable for surrounding area.

### FIRE/EXPLOSION HAZARD

- Non combustible.
  - Not considered to be a significant fire risk.
  - Expansion or decomposition on heating may lead to violent rupture of containers.
  - Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
- Decomposes on heating and produces toxic fumes of: carbon dioxide (CO<sub>2</sub>).

### FIRE INCOMPATIBILITY

- Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

### HAZCHEM

None

### Personal Protective Equipment

Gloves, boots (chemical resistant).

---

## Section 6 - ACCIDENTAL RELEASE MEASURES

---

### MINOR SPILLS

- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.

### MAJOR SPILLS

- Minor hazard.
- Clear area of personnel.
- Alert Fire Brigade and tell them location and nature of hazard.
- Control personal contact by using protective equipment as required.
- Prevent spillage from entering drains or water ways.

continued...

# CHEMTECH GREASE-OFF

Chemwatch Independent Material Safety Data Sheet  
Issue Date: 14-Mar-2011  
C9317EC

CHEMWATCH 25-5223  
Version No:2.0  
CD 2011/1 Page 3 of 5

## Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

## Section 7 - HANDLING AND STORAGE

### PROCEDURE FOR HANDLING

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- When handling DO NOT eat, drink or smoke.
- DO NOT allow clothing wet with material to stay in contact with skin.

### SUITABLE CONTAINER

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

### STORAGE INCOMPATIBILITY

- Segregate from strong acids.

### STORAGE REQUIREMENTS

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE CONTROLS** None assigned.

### PERSONAL PROTECTION

#### EYE

- Safety glasses with side shields.
- Chemical goggles.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].

#### HANDS/FEET

- Wear chemical protective gloves, eg. PVC.
- Wear safety footwear or safety gumboots, eg. Rubber.

Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as:

- frequency and duration of contact,
- chemical resistance of glove material,
- glove thickness and
- dexterity.

#### OTHER

- Overalls.
- P.V.C. apron.
- Barrier cream.
- Skin cleansing cream.

### ENGINEERING CONTROLS

- General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific circumstances.

continued...

# CHEMTECH GREASE-OFF

Chemwatch Independent Material Safety Data Sheet  
Issue Date: 14-Mar-2011  
C9317EC

CHEMWATCH 25-5223  
Version No:2.0  
CD 2011/1 Page 4 of 5

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Clear red alkaline liquid; mixes with water.

### PHYSICAL PROPERTIES

Liquid.			
Mixes with water.			
State	Liquid	Molecular Weight	Not Applicable
Melting Range (°C)	Not Available	Viscosity	Not Available
Boiling Range (°C)	~100	Solubility in water (g/L)	Miscible
Flash Point (°C)	Not Applicable	pH (1% solution)	Not Available
Decomposition Temp (°C)	Not Available	pH (as supplied)	13.2 - 13.6
Autoignition Temp (°C)	Not Available	Vapour Pressure (kPa)	Not Available
Upper Explosive Limit (%)	Not Applicable	Specific Gravity (water=1)	~1.045
Lower Explosive Limit (%)	Not Applicable	Relative Vapour Density (air=1)	Not Available
Volatile Component (%vol)	Not Available	Evaporation Rate	Not Available

## Section 10 - STABILITY AND REACTIVITY

### CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
  - Product is considered stable.
  - Hazardous polymerisation will not occur.
- For incompatible materials - refer to Section 7 - Handling and Storage.*

## Section 11 - TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

#### ACUTE HEALTH EFFECTS

- Irritating to eyes and skin.

#### CHRONIC HEALTH EFFECTS

- Generally not applicable.

### TOXICITY AND IRRITATION

#### CHEMTECH GREASE-OFF:

- Not available. Refer to individual constituents.

#### ALKALINE SALTS:

- unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

#### TOXICITY

Oral (rat) LD50: 4090 mg/kg  
Oral (rat) LD50: 1870 mg/kg  
Oral (rat) LD50: 1153 mg/kg  
Oral (rat) LD50: 6500 mg/kg  
Dermal (rat) LD50: 7940 mg/kg

- No significant acute toxicological data identified in literature search.

Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound.

for sodium carbonate:

for potassium carbonate:

for sodium metasilicate:

for trisodium phosphate dodecahydrate

#### IRRITATION

Skin (rabbit): 500 mg/24h Mild  
Skin (human): 250 mg/24h - SEVERE  
Skin (rabbit): FSHA 3.3 / 8.0  
Eye (rabbit): FSHA CORROSIVE

continued...

# CHEMTECH GREASE-OFF

Chemwatch Independent Material Safety Data Sheet  
Issue Date: 14-Mar-2011  
C9317EC

CHEMWATCH 25-5223  
Version No:2.0  
CD 2011/1 Page 5 of 5

---

## Section 12 - ECOLOGICAL INFORMATION

---

DO NOT discharge into sewer or waterways.

---

## Section 13 - DISPOSAL CONSIDERATIONS

---

- Recycle wherever possible or consult manufacturer for recycling options.
- Consult State Land Waste Management Authority for disposal.
- Treat and neutralise with dilute acid at an effluent treatment plant.
- Recycle containers, otherwise dispose of in an authorised landfill.

---

## Section 14 - TRANSPORTATION INFORMATION

---

### HAZCHEM:

None (ADG7)

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA, IMDG

---

## Section 15 - REGULATORY INFORMATION

---

POISONS SCHEDULE S5

### REGULATIONS

#### Regulations for ingredients

#### No data for Chemtech Grease-Off (CW: 25-5223)

No data for alkaline salts (CAS: , Not avail)

---

## Section 16 - OTHER INFORMATION

---

■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:  
[www.chemwatch.net/references](http://www.chemwatch.net/references).

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

*This document is copyright. Apart from any fair dealing for the purposes of private study, research, review or criticism, as permitted under the Copyright Act, no part may be reproduced by any process without written permission from CHEMWATCH. TEL (+61 3) 9572 4700.*

Issue Date: 14-Mar-2011

Print Date: 14-Mar-2011

*This is the end of the MSDS.*