

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 02 November 2017

Revision: 02 November 2017

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Turbochef Oven Guard
- **Recommended use and restriction on use**
- **Recommended use:**
Degreaser
Surface cleanser
- **Restrictions on use:** No further relevant information available.

- **Details of the supplier of the Safety Data Sheet**

- **Manufacturer/Supplier:**

Chemco Corporation
300 Canal St.
Lawrence MA 01840 USA
Telephone (978) 687-9000
Toll-Free (800) 458-8010

- **Importer / Distributor:**

Goldstein Eswood Commercial Cooking Pty Ltd.
211-217 Woodpark Road
SMITHFIELD NSW 2164
PO Box 6444
WETHERILL PARK NSW 2164 AUSTRALIA
Tel +61 2 9604 7333

- **Emergency telephone number:**

ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)

Emergencies within Australia - 131126 (NSW Poison Control Centre)

Emergencies within New Zealand - 0800 764 766 (National Poison Control Centre)

2 Hazards identification

- **Classification (Australia, New Zealand)**

Australia NOHSC – Non -Hazardous Substance (Classified according to Worksafe Australia NOHSC 2011 National Code of Practice)

New Zealand HSNO - Hazardous (Classified according to the Minimum Degrees of Hazard Regulations 2001)

- **Hazard statements (New Zealand HSNO Classification)**

HSNO 9.1C Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

HSNO 9.3C Ecotoxic to terrestrial vertebrates H433 Harmful to terrestrial vertebrates.

- **Label elements**

- **Hazard pictograms** None.

- **Signal word** None.

- **Hazard statements**

Hazard Statements are only applicable to New Zealand and not to Australia.

H433 Harmful to terrestrial vertebrates.

H412 Harmful to aquatic life with long lasting effects.

(Cont'd. on page 2)

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 02 November 2017

Revision: 02 November 2017

Trade name: Turbochef Oven Guard

(Cont'd. from page 1)

· **Precautionary statements**

Precautionary Statements are only applicable to New Zealand and not to Australia.

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterisation: Mixtures**

· **Components:**

CAS: 25322-68-3 NLP: 500-038-2	polyethylene glycol	10-25%
CAS: 68439-46-3 EC number: 614-482-0	alcohols, C9-11, ethoxylated ⚠ Eye Irrit. 2A, H319	<5%
CAS: 68412-54-4 NLP: 500-209-1	Nonylphenol, branched, ethoxylated ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute Tox. 5, H303; Skin Corr. 3, H316; Eye Irrit. 2B, H320	<1%
CAS: 66455-14-9 NLP: 500-165-3	Alcohols, C12-C13, ethoxylates, 1-2.5 EO ⚠ Aquatic Acute 1, H400 Aquatic Chronic 3, H412	<1%

· **SVHC**

68412-54-4 | Nonylphenol, branched, ethoxylated

· **Additional information:** For the wording of the listed Hazard Statements refer to section 16.

4 First aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Clean with water and soap.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Remove contact lenses if worn, if possible.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

· **Most important symptoms and effects, both acute and delayed**

Cramp

Nausea

(Cont'd. on page 3)

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 02 November 2017

Revision: 02 November 2017

Trade name: Turbochef Oven Guard

(Cont'd. from page 2)

Causes eye irritation.

- **Indication of any immediate medical attention and special treatment needed**

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

5 Firefighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

The product is not flammable.

Use fire extinguishing methods suitable to surrounding conditions.

- **For safety reasons unsuitable extinguishing agents:** None.

- **Special hazards arising from the substance or mixture** No further relevant information available.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

6 Accidental release measures

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

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

- **Environmental precautions**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

- **Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable receptacles.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- **Handling:**

- **Precautions for safe handling**

Prevent formation of aerosols.

Keep out of reach of children.

- **Information about fire - and explosion protection:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Store in cool, dry conditions in well sealed receptacles.

(Cont'd. on page 4)

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 02 November 2017

Revision: 02 November 2017

Trade name: Turbochef Oven Guard

(Cont'd. from page 3)

- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidising agents.
- **Further information about storage conditions:** Protect from frost.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· Control parameters

· Ingredients with limit values that require monitoring at the workplace:

25322-68-3 polyethylene glycol

WEEL (USA)	Long-term value: 10 mg/m ³ (H); MW>200
------------	--

- **DNELs:** No further relevant information available.
- **PNECs:** No further relevant information available.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
- **Respiratory protection:**
Not necessary if room is well-ventilated.
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**
Gloves are advised for repeated or prolonged contact.
Wear protective gloves to handle contents of damaged or leaking units.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **For the permanent contact gloves made of the following materials are suitable:**
Butyl rubber, BR
Neoprene gloves
Nitrile rubber, NBR
- **Eye protection:**



Safety glasses

- **Body protection:** Not required.
- **Limitation and supervision of exposure into the environment:** No special requirements.
- **Risk management measures:** No special requirements.

(Cont'd. on page 5)

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 02 November 2017

Revision: 02 November 2017

Trade name: Turbochef Oven Guard

(Cont'd. from page 4)

9 Physical and chemical properties

· Information on basic physical and chemical properties

· Appearance

Form:	Liquid
Colour:	Clear
Odour:	Alcohol-like
Odour threshold:	Not determined.

pH-value at 20 °C (68 °F):	8.5-9
Melting point/freezing point:	Not determined.
Initial boiling point and boiling range:	100 °C (212 °F)

Flash point:	Not applicable.
--------------	-----------------

Flammability (solid, gas):	Not applicable.
----------------------------	-----------------

Auto/Self-ignition temperature:	Not determined.
---------------------------------	-----------------

Decomposition temperature:	Not determined.
----------------------------	-----------------

Explosive properties:	Product does not present an explosion hazard.
-----------------------	---

· Explosion limits

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure:	Not determined.
------------------	-----------------

· Density:

Relative density:	0.98
Vapour density:	Not determined.
Evaporation rate:	Not determined.

· Solubility in / Miscibility with water:

Fully miscible.

Partition coefficient: n-octanol/water:	Not determined.
---	-----------------

· Viscosity

Dynamic:	Not determined.
Kinematic:	Not determined.

· Other information

No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

· **Possibility of hazardous reactions**

Reacts with strong oxidising agents.

Reacts with strong acids.

(Cont'd. on page 6)

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 02 November 2017

Revision: 02 November 2017

Trade name: Turbochef Oven Guard

(Cont'd. from page 5)

- **Conditions to avoid** Excessive heat.
- **Incompatible materials**
Strong acids.
Oxidisers
- **Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Sulphur oxides (SOx)
Aldehyde

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

68412-54-4 Nonylphenol, branched, ethoxylated

Oral	LD50	3550 mg/kg (rat)
------	------	------------------

- **Primary irritant effect**
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation:** No sensitising effects known.

- **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

- **Probable routes of exposure:**
Ingestion.
Inhalation.
Eye contact.
Skin contact.
- **Acute effects (acute toxicity, irritation and corrosivity):** No further relevant information available.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** Harmful to aquatic life.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

(Cont'd. on page 7)

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 02 November 2017

Revision: 02 November 2017

Trade name: Turbochef Oven Guard

(Cont'd. from page 6)

- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- | | |
|--|-----------------|
| <ul style="list-style-type: none"> · UN-Number · DOT, ADR, IMDG, IATA | Not Regulated |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT, ADR, IMDG, IATA | Not Regulated |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT, ADR, IMDG, IATA · Class | Not Regulated |
| <ul style="list-style-type: none"> · Packing group · DOT, ADR, IMDG, IATA | Not Regulated |
| <ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: | No |
| <ul style="list-style-type: none"> · Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |

(Cont'd. on page 8)

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 02 November 2017

Revision: 02 November 2017

Trade name: Turbochef Oven Guard

(Cont'd. from page 7)

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients are listed.

· **Australia**

The product is not subject to identification regulations according to directives on hazardous materials.

· **Australian Inventory of Chemical Substances**

All ingredients are listed.

· **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients are listed.

· **New Zealand**

· **HSNO Group Standard HSR002530**

· **New Zealand Inventory of Chemicals (NZIOC)**

All ingredients are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H303 May be harmful if swallowed.

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

H320 Causes eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio-accumulable, Toxique

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 5: Acute toxicity – Category 5

Skin Corr. 3: Skin corrosion/irritation – Category 3

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

(Cont'd. on page 9)

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 02 November 2017

Revision: 02 November 2017

Trade name: Turbochef Oven Guard

(Cont'd. from page 8)

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com