

## Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 22 August 2016

Revision: 22 August 2016

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

· **Product identifier**

· **Trade name:** Break-Free CO Collector®

· **Article number:** 1009259, 1009260, 1009261, CO-4-1, CO-4-10, CO-4-100

· **Relevant identified uses of the substance or mixture and uses advised against**  
Lubricant / Preservative Oil

· **Application of the substance / the mixture:**  
Lubricant  
Surface protection

· **Uses advised against:** Contact manufacturer.

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

· **Manufacturer/Supplier:**

Safariland, LLC  
13386 International Parkway  
Jacksonville, FL 32218 USA  
Customer Care (800) 347-1200

Australia:  
Aquaterro  
23 Maskells Hill Road  
Selby, Melbourne 3159 VIC  
Australia  
Tel +61 3 9754 2922

New Zealand  
Hunting & Fishing  
903 Tremain Avenue, PO Box 4472  
Roslyn, Palmerston North 4414  
New Zealand  
Tel +64 6-355 1308

New Zealand Ammunition  
10/1 Nicolaus Street  
PO Box 40401  
Upper Hutt 5140  
New Zealand  
Tel +64 (4) 526-9253  
info@nzammo.co.nz

· **Emergency telephone number:**

ChemTel Inc.  
(800)255-3924, +1 (813)248-0585

Poison Control Centres:  
In the United Kingdom: 844 892 0111  
In Australia: 131126  
In New Zealand: +0800 764 766

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## 2 Hazards identification

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

Australia NOHSC – 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)

Australia ADG – Non-Dangerous Goods (Classified according to National Transport Commission Australian Dangerous Goods Code)

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

HSNO 6.3A Skin Irr. 2 H315 Causes skin irritation.

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms**



GHS07

- **Signal word** Warning

- **Hazard-determining components of labelling:** None.

- **Hazard statements**

H315 Causes skin irritation.

- **Precautionary statements**

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P321 Specific treatment (see on this label).

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterisation:** Mixtures

- **Components:**

57855-77-3	Calcium dinonylnaphthalenesulfonate	< 10%
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	

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

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## 4 First aid measures

- **Description of first aid measures**

- **General information:** No special measures required.

- **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:**

Clean with water and soap.

If skin irritation is experienced, consult a doctor.

- **After eye contact:**

Remove contact lenses if worn.

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**

Dizziness

Coughing

Gastric or intestinal disorders when ingested.

Slight irritant effect on eyes.

Allergic reactions

- **Hazards:**

May be harmful if inhaled.

May be harmful if swallowed.

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

If swallowed, gastric irrigation with added, activated carbon.

Contains Calcium dinonylnaphthalenesulfonate, 2,5-bis(n-octylthio)-1,3,4-thiadiazole. May produce an allergic reaction.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

## 5 Firefighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

Foam

Fire-extinguishing powder

Gaseous extinguishing agents

Carbon dioxide

- **For safety reasons unsuitable extinguishing agents:** Water

- **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

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Wear fully protective suit.

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· **Additional information:** No further relevant information available.

## 6 Accidental release measures

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

Ensure adequate ventilation

Wear protective clothing.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

· **Environmental precautions** Do not allow to enter sewers/ surface or ground water.

· **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.

Dispose contaminated material as waste according to section 13.

· **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**

Avoid splashes or spray in enclosed areas.

Avoid the formation of oil haze.

Use only in well ventilated areas.

· **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:**

Avoid storage near extreme heat, ignition sources or open flame.

· **Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidising agents.

· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

· **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:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs:** No further relevant information available.

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- **PNECs:** No further relevant information available.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Avoid contact with the eyes.  
Avoid close or long term contact with the skin.  
Keep away from foodstuffs, beverages and feed.  
Do not inhale dust / smoke / mist.
- **Respiratory protection:**  
Not required under normal conditions of use.  
Use suitable respiratory protective device when aerosol or mist is formed.  
For spills, respiratory protection may be advisable.
- **Protection of hands:**



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.

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Safety glasses

- **Body protection:**  
Not required under normal conditions of use.  
Protection may be required for spills.
- **Limitation and supervision of exposure into the environment:** No special requirements.
- **Risk management measures:** No special requirements.

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

<b>Form:</b>	Liquid
<b>Colour:</b>	Amber coloured

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· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.
· <b>pH-value:</b>	Not determined.
· <b>Melting point/Melting range:</b>	Not determined.
· <b>Boiling point/Boiling range:</b>	Not determined.
· <b>Flash point:</b>	> 350 °F / >176 °C (> 662 °F / >349 °F)
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Auto/Self-ignition temperature:</b>	Not determined.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density at 20 °C (68 °F):</b>	0.862 g/cm <sup>3</sup> (7.193 lbs/gal)
· <b>Relative density:</b>	Not determined.
· <b>Vapour density:</b>	Not determined.
· <b>Evaporation rate:</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Fully miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity</b>	
Dynamic:	Not determined.
Kinematic at 40 °C (104 °F):	60 mm <sup>2</sup> /s
· <b>Other information</b>	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 oxidising agents.  
Reacts with strong alkali.  
Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials** No further relevant information available.

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- **Hazardous decomposition products**

Carbon monoxide and carbon dioxide  
Sulphur oxides (SO<sub>x</sub>)  
Toxic metal oxide smoke

## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** None.
- **Primary irritant effect**
- **Skin corrosion/irritation:** No irritant effect.
- **Serious eye damage/irritation:** Slight irritant effect on eyes.
- **Respiratory or skin sensitisation:** Sensitisation possible through skin contact.
- **Repeated dose toxicity:** Repeated exposure may cause skin dryness or cracking.

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

- **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**

Smaller quantities can be disposed of with household waste.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Product is recyclable as a waste oil. Deliver unused and/or contaminated product to waste oil collectors.

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. Residual materials should be treated as hazardous.

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

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

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

- **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Carcinogenic Categories**

- **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.

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· **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 Chemical Classification and Information Database (CCID)**

68411-46-1 | Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

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

All ingredients are listed.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the 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**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

· **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, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

LDLo: Lowest Lethal Dose Observed

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

· **Sources**

SDS Prepared by:

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