

**1 Identification of the substance/mixture and of the company/undertaking****· Product identifier****· Trade name: Break-Free CLP Liquid****· Article number:**

1009216, 1009217, 1009221, 1009222, 1009223, 1009229, 1009230, 1009231, 1009232, 1009233, 1009234, 1009236, 1009237, 1009241, 1009242, 1009243, 1009245, 1009247, 1009251, 1008912, 1166012, 1009254, 100925, (CLP-11-1, CLP-11-10, CLP-16-1, CLP-16-120, CLP-16-20, CLP-20-1, CLP-20-10, CLP-3-1, CLP-4-1, CLP-4-10, CLP-4-100, CLP-5-1, CLP-5-10, CLP-7-1, CLP-7-4, CLP-7040-1, CLP-8-1, CLP-8-6, CLP-9-4, CLP-PS-BULK, CLP-P2, CLP-PS-1, CLP-PS-10)

· Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

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

(Cont'd. on page 2)

Safety Data Sheet

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

Printing date: 22 August 2016

Revision: 22 August 2016

Trade name: Break-Free CLP Liquid

(Cont'd. from page 1)

- **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

2 Hazards identification

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

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

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

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

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

HSNO 6.1E Inh. Tox. 5 H333 May be harmful if inhaled.

HSNO 6.1E Asp. Tox 1 H304 May be fatal if swallowed and enters airways

- **Additional information:**

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

0 % of the mixture consists of component(s) of unknown toxicity.

- **GHS label elements**

This product does not have a classification according to the CLP regulation.

The product is not classified as hazardous according to OSHA GHS regulations within the United States.

Classifications listed also are applicable to the Australian and the New Zealand Codes of Practice for the writing of Safety Data Sheets.

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

- **Hazard pictograms**



GHS08

- **Signal word** Danger

- **Hazard-determining components of labelling:**

1-decene, dimer, hydrotreated

1-Decene, homopolymer, hydrogenated

- **Hazard statements**

The following Hazard Statements are only applicable to New Zealand, and are not applicable to Australia: H333.

H333 May be harmful if inhaled.

H304 May be fatal if swallowed and enters airways.

- **Precautionary statements**

The following Precautionary Statements are applicable only to New Zealand and not to Australia: P101, P102, P304+P312.

(Cont'd. on page 3)

Safety Data Sheet

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

Printing date: 22 August 2016

Revision: 22 August 2016

Trade name: Break-Free CLP Liquid

(Cont'd. from page 2)





P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P331 Do NOT induce vomiting.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**

- **Components:**

68037-01-4	1-Decene, homopolymer, hydrogenated	 Asp. Tox. 1, H304	30-60%
68649-11-6	1-decene, dimer, hydrotreated	 Asp. Tox. 1, H304  Acute Tox. 4, H332 Acute Tox. 5, H313	10-30%
	organic calcium salt	 Eye Irrit. 2A, H319	<10%

- **Additional information:**

For the wording of the listed Hazard Statements refer to section 16.

For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.

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.
- **After skin contact:**
Clean with water and soap.
If skin irritation continues, 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** Gastric or intestinal disorders.
- **Hazards:** May be fatal if swallowed and enters airways.
- **Indication of any immediate medical attention and special treatment needed**
If swallowed, gastric irrigation with added, activated carbon.

(Cont'd. on page 4)

Safety Data Sheet

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

Printing date: 22 August 2016

Revision: 22 August 2016

Trade name: Break-Free CLP Liquid

If swallowed or in case of vomiting, danger of entering the lungs.
Treat skin and mucous membrane with antihistamine and corticoid preparations.

(Cont'd. from page 3)

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
 - Foam
 - Fire-extinguishing powder
 - Gaseous extinguishing agents
 - Carbon dioxide
 - Water haze or fog
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **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.
 - Wear fully protective suit.
- **Additional information:** No further relevant information available.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
 - Ensure adequate ventilation
 - For large spills, wear protective clothing.
 - For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
 - Particular danger of slipping on leaked/spilled product.
- **Environmental precautions** Do not allow product to reach sewage system or any water course.
- **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**
 - Use only in well ventilated areas.
 - Avoid splashes or spray in enclosed areas.
 - Prevent formation of aerosols.

(Cont'd. on page 5)

Safety Data Sheet

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

Printing date: 22 August 2016

Revision: 22 August 2016

Trade name: Break-Free CLP Liquid

(Cont'd. from page 4)

- **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.
Protect from humidity and water.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Do not store together with oxidising and acidic materials.
- **Further information about storage conditions:** Keep container tightly sealed.
- **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.
- **PNECs:** No further relevant information available.
- **Exposure controls**
- **Engineering measures** Provide adequate ventilation.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Avoid close or long term contact with the skin.
Avoid contact with the eyes.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
- **Respiratory protection:**
Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when high concentrations are present.
- **Protection of hands:**
Rubber 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.
Sensibilisation by the components in the glove materials is possible.
- **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.
Butyl rubber, BR
Nitrile rubber, NBR
Neoprene gloves

(Cont'd. on page 6)

Safety Data Sheet

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

Printing date: 22 August 2016

Revision: 22 August 2016

Trade name: Break-Free CLP Liquid

(Cont'd. from page 5)

Natural rubber, NR

- **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

Follow relevant national guidelines concerning the use of protective eyewear.

- **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:**

See Section 7 for additional information.

No special requirements.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **Appearance**

Form: Liquid

Colour: Dark green

- **Odour:** Characteristic

- **Odour threshold:** Not determined.

- **pH-value:** Not determined.

- **Melting point/Melting range:** Not determined.

- **Boiling point/Boiling range:** Not determined.

- **Flash point:** >100 °C (>212 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Auto/Self-ignition temperature:** >260 °C (>500 °F)

- **Decomposition temperature:** Not determined.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits**

Lower: Not determined.

Upper: Not determined.

- **Vapour pressure at 20 °C (68 °F):** 0.7 hPa (1 mm Hg)

- **Density at 20 °C (68 °F):** 0.86 g/cm³ (7.177 lbs/gal)

- **Relative density:** Not determined.

- **Vapour density:** Not determined.

(Cont'd. on page 7)

Safety Data Sheet

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

Printing date: 22 August 2016

Revision: 22 August 2016

Trade name: Break-Free CLP Liquid

(Cont'd. from page 6)

· 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.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
- **Conditions to avoid** Store away from oxidising agents.
- **Incompatible materials** No further relevant information available.
- **Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Nitrogen oxides
Danger of forming toxic pyrolysis products.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** None.
- **Primary irritant effect**
- **Skin corrosion/irritation:** Slight irritant effect on skin and mucous membranes.
- **Serious eye damage/irritation:** Slight irritant effect on eyes.
- **Respiratory or skin sensitisation:** No sensitising effects known.

· IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

- **Acute effects (acute toxicity, irritation and corrosivity):** May be fatal if swallowed and enters airways.
- **Repeated dose toxicity:** From product as supplied: None.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.

(Cont'd. on page 8)

Safety Data Sheet

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

Printing date: 22 August 2016

Revision: 22 August 2016

Trade name: Break-Free CLP Liquid

(Cont'd. from page 7)

- **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:** No further relevant information available.
- **Persistence and degradability** Biodegradable
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Due to mechanical actions of the product (e.g. agglutinations), damages may occur.
- **Additional ecological information:**
- **General notes:**
Avoid transfer into the environment.
Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
- **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.
Product is recyclable as a waste oil. Deliver unused and/or contaminated product to waste oil collectors.
- **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, ADG, IMDG, IATA | <p>Not Regulated</p> |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT, ADG, IMDG, IATA | <p>Not Regulated</p> |

(Cont'd. on page 9)

Safety Data Sheet

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

Printing date: 22 August 2016

Revision: 22 August 2016

Trade name: Break-Free CLP Liquid

(Cont'd. from page 8)

· Transport hazard class(es)	
· DOT, ADG, IMDG, IATA	
· Class	Not Regulated
· Packing group	
· DOT, ADG, IMDG, IATA	Not Regulated
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code	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.

· 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)

None of the ingredients are listed.

· New Zealand Inventory of Chemicals (NZIOC)

68037-01-4 | 1-Decene, homopolymer, hydrogenated

(Cont'd. on page 10)

Safety Data Sheet

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

Printing date: 22 August 2016

Revision: 22 August 2016

Trade name: Break-Free CLP Liquid
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(Cont'd. from page 9)

8042-47-5	White Mineral Oil
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- **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**

H304 May be fatal if swallowed and enters airways.

H313 May be harmful in contact with skin.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

- **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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMS: Hazardous Materials Identification System (USA)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 5: Acute toxicity – Category 5

Acute Tox. 4: Acute toxicity – Category 4

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

Asp. Tox. 1: Aspiration hazard – Category 1

- **Sources**

SDS Prepared by:

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