

# SDS ATTACHMENT

PLEASE ATTACH THIS COMPLETED SHEET TO THE SDS FOR:

PRODUCT:

CD90 Chain Drive Lubricant

DATE:

(SDS date)

9-Jul-14

**1. Manufacturer/Supplier:**

Tradegear Ltd  
Level 1, 99 Clarence Street  
Riccarton  
Christchurch 8011  
New Zealand  
Phone: 0800 22 44 34 or +64 3 331 6517  
Fax: 0800 22 11 51 or +64 9 522 8833  
24 hr emergency contact: +64 21 510 624  
Website: [www.tradegear.co.nz](http://www.tradegear.co.nz)  
Email: [office@tradegear.co.nz](mailto:office@tradegear.co.nz)

**Emergency Information:**

National Poison Centre: 0800 764 766  
Chemcall 24/7 Emergency Response Service: 0800 243 622

**13. Disposal Considerations:**

**Product**

Recommendation - Consult local or national regulations to ensure proper disposal.

**Packaging**

Disposal must be made according to official regulations.

**16. Other Information:**

Employers should use this information only as a supplement to other information gathered by them and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.



Certificate Number 768  
ISO 9001

## CD-90 Chain and Drive Lubricant


# SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

## 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 Product identifier</b>	
Product Name	CD-90 Chain and Drive Lubricant.
Trade Name	CD-90 Chain and Drive Lubricant.
Part No.	1797
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	Lubrication of metal components subjected to extreme pressure loading.
Uses advised against	None known.
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
Company Identification	Action Can Ltd., Dixon Close, Old Boston Trading Estate, Haydock, St. Helens, Merseyside. Wa11 9SF.
Telephone	01942 713667
Fax	01942 716235
E-Mail (competent person)	info@actioncan.com
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	01942 713667 (Mon - Fri: 9am to 5pm)

## 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
<b>2.1.1 Regulation (EC) No. 1272/2008 (CLP)</b>	Aerosol 1; Extremely flammable aerosol. Pressurised container: May burst if heated.
<b>2.1.2 Directive 67/548/EEC &amp; Directive 1999/45/EC</b>	F+; Extremely flammable.
<b>2.2 Label elements</b>	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) CD-90 Chain and Drive Lubricant.
Hazard Pictogram(s)	
Signal Word(s)	GHS02 Danger.
Hazard Statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated.



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Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211: Do not spray on an open flame or other ignition source.  
P251: Do not pierce or burn, even after use.  
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

**2.3 Other hazards**

None.

**2.4 Additional Information**

None.

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

#### 3.1 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Oil	> 60	-	-	None assigned	None
Butane	25 – 35	106-97-8	203-448-7	01-2119474691-32-0000	GHS02, Flam. Gas 1; H220, GHS04, Press. Gas: Liquefied gas; H280

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Oil	> 60	-	-	None assigned	None
Butane	25 – 35	106-97-8	203-448-7	01-2119474691-32-0000	F+; R12

#### 3.2 Additional Information

For full text of H/P phrases see section 16.

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Wash with plenty of soap and water.

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open.

Ingestion

Unlikely route of exposure.

#### 4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.



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### 5. SECTION 5: FIRE-FIGHTING MEASURES

Pressurised container: May burst if heated.

- |  |                                |   |
|--|--------------------------------|---|
| <b>5.1 Extinguishing Media</b>                                   | Suitable Extinguishing Media   | Water spray, foam, dry powder or CO <sub>2</sub> .  |
|  | Unsuitable Extinguishing Media | Do not use water jet.   |
| <b>5.2 Special hazards arising from the substance or mixture</b> |                                | Heating may cause pressure rise with risk of bursting.  |
| <b>5.3 Advice for fire-fighters</b>                              |                                | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Cool burning stock with water spray to cool and reduce the risk of aerosol bursting. |

### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

The product is an aerosol. It is unlikely to present spillage or leakage hazard. In case of rupture, released content should be contained as any other solvent spill.

- |  |  |  |
|--|--|--|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b> |  | Eliminate sources of ignition. Ensure adequate ventilation.  |
| <b>6.2 Environmental precautions</b>   |  | Do not release large quantities into the surface water or into drains.   |
| <b>6.3 Methods and material for containment and cleaning up</b>                |  | Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a lidded container for disposal or recovery. Containers must not be punctured or destroyed by burning, even when empty. |
| <b>6.4 Reference to other sections</b>   |  | See Also Section: 8, 13.   |

### 7. SECTION 7: HANDLING AND STORAGE

- |   |                        |   |
|---|------------------------|---|
| <b>7.1 Precautions for safe handling</b>                                |                        | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Provide adequate ventilation. |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b> |                        | Protect from sunlight.  |
|   | Storage Temperature    | Do not expose to temperatures exceeding 50°C/ 122°F.  |
|   | Storage Life           | Stable under normal conditions.   |
|   | Incompatible materials | Strong oxidising agents.  |
| <b>7.3 Specific end use(s)</b>  |                        | Lubrication of metal components subjected to extreme pressure loading.  |

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### 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### 8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Butane	106-97-8	600	1450	750	1810	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

##### 8.1.2 Biological limit value

Not established.

##### 8.1.3 PNECs and DNELs

Not established.

#### 8.2 Exposure controls

##### 8.2.1 Appropriate engineering controls

Provide adequate ventilation.

##### 8.2.2 Personal protection equipment

Eye/face protection

Not normally required.



Skin protection (Hand protection/ Other)

Not normally required. Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection

No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

Not applicable.

##### 8.2.3 Environmental Exposure Controls

Do not release large quantities into the surface water or into drains.

### 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Amber.
Odour	Perceptible odour.
Odour Threshold	Not available.
pH	Not available.
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	-0.5 °C (Butane)
Flash Point	-60 °C (Butane)
Evaporation rate	Negligible.
Flammability (solid, gas)	Extremely flammable.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.



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Ignition temperature	537 °C (Butane)
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Viscous.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
<b>9.2 Other information</b>	None.

### 10. SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	Stable under normal conditions.
<b>10.4 Conditions to avoid</b>	Heat and direct sunlight.
<b>10.5 Incompatible materials</b>	Strong oxidising agents
<b>10.6 Hazardous Decomposition Product(s)</b>	Carbon monoxide, Carbon dioxide.

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
<b>11.1.1 Mixtures</b>	
<b>Acute toxicity</b>	Low acute toxicity.
<b>Irritation</b>	Non-irritant.
<b>Corrosivity</b>	Not classified.
<b>Sensitisation</b>	It is not a skin sensitiser.
<b>Repeated dose toxicity</b>	None anticipated.
<b>Carcinogenicity</b>	No evidence of carcinogenicity.
<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
<b>Toxicity for reproduction</b>	None anticipated.
<b>Aspiration hazard</b>	None anticipated.
<b>11.2 Other information</b>	None.

### 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Low toxicity to aquatic organisms.
<b>12.2 Persistence and degradability</b>	Readily biodegradable. Unlikely to persist.
<b>12.3 Bioaccumulative potential</b>	The product has no potential for bioaccumulation.
<b>12.4 Mobility in soil</b>	The product may adsorb onto soils and sediments.
<b>12.5 Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6 Other adverse effects</b>	None.

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Do not allow to enter drains, sewers or watercourses. Do NOT landfill.
<b>13.2 Additional Information</b>	Disposal should be in accordance with local, state or national legislation.



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### 14. SECTION 14: TRANSPORT INFORMATION

<b>14.1 UN number</b>	UN 1950 (EEC tariff No. 340399-10)
<b>14.2 UN Proper Shipping Name</b>	AEROSOLS.
ADR/RID/ADN/IMDG	AEROSOLS, FLAMMABLE.
ICAO/IATA	
<b>14.3 Transport hazard class(es)</b>	2.1
<b>14.4 Packing Group</b>	None.
<b>14.5 Environmental hazards</b>	Not classified as a Marine Pollutant.
<b>14.6 Special precautions for user</b>	None.
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>14.8 Additional Information</b>	
ADR Hazard label(s)	2.1
ADR/RID Item No	5F
ADR/RID Marginal	2201
Limited Quantity (LQ)	Limited Quantity provisions apply.

### 15. SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>15.1.1 EU regulations</b>	
Authorisations and/or restrictions on use	
Candidate List of Substances of Very High Concern for Authorisation	All chemicals are not listed.
REACH: ANNEX XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	All chemicals are not listed.
REACH: ANNEX XIV List of substances subject to authorisation	All chemicals are not listed.
Community Rolling Action Plan (CoRAP); Draft: 26/03/2014	All chemicals are not listed.
<b>15.1.2 National regulations</b>	None known.
<b>15.2 Chemical Safety Assessment</b>	Not available.

### 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

#### LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	Regulations Concerning the International Carriage of Dangerous Goods by Rail
ADN	Accord européen relative au transport international des marchandises Dangereuses par voies de Navigation interieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
IATA	International Air Transport Association



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ICAO	International Civil Aviation Organization
IMDG	International Maritime Code for Dangerous Goods
Aerosol 1	Aerosol Category 1
Flam. Gas 1	Flammable gas Category 1
Press. Gas	Gases under pressure
F+	Extremely flammable

### Hazard Statement(s)

H220	Extremely flammable gas.
H280	Contains gas under pressure; may explode if heated.

### Risk Phrases

R12 Extremely flammable

### Hazard Pictogram(s) and Hazard Symbol

GHS02



GHS04



### Disclaimers

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### Annex to the extended Safety Data Sheet (eSDS)

No information available.