



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

- 1.1 Product identifier**
- | | |
|------------------------|----------------------------------|
| Product Name | CD-90 Chain and Drive Lubricant. |
| Trade Name | CD-90 Chain and Drive Lubricant. |
| Part No. | ACN7322250K (1797) |
| CAS No. | Mixture. |
| EINECS No. | Mixture. |
| REACH Registration No. | None assigned. |
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
- | | |
|----------------------|--|
| Identified use(s) | Lubrication of metal components subjected to extreme pressure loading. |
| Uses advised against | None known. |
- 1.3 Details of the supplier of the Safety Data Sheet**
- | | |
|---------------------------|---|
| 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 |
- 1.4 Emergency telephone number**
- | | |
|---------------------|--------------------------------------|
| Emergency Phone No. | 01942 713667 (Mon - Fri: 9am to 5pm) |
|---------------------|--------------------------------------|

2. SECTION 2: HAZARDS IDENTIFICATION

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

GHS02
- | | |
|---------------------|---|
| Signal Word(s) | 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.

- | | | |
|--|--------------------------------|---|
| 5.1 Extinguishing Media | Suitable Extinguishing Media | Water spray, foam, dry powder or CO ₂ . |
| | Unsuitable Extinguishing Media | Do not use water jet. |
| 5.2 Special hazards arising from the substance or mixture | | Heating may cause pressure rise with risk of bursting. |
| 5.3 Advice for fire-fighters | | 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.

- | | | |
|--|--|--|
| 6.1 Personal precautions, protective equipment and emergency procedures | | Eliminate sources of ignition. Ensure adequate ventilation. |
| 6.2 Environmental precautions | | Do not release large quantities into the surface water or into drains. |
| 6.3 Methods and material for containment and cleaning up | | 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. |
| 6.4 Reference to other sections | | See Also Section: 8, 13. |

7. SECTION 7: HANDLING AND STORAGE

- | | | |
|---|------------------------|---|
| 7.1 Precautions for safe handling | | 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. |
| 7.2 Conditions for safe storage, including any incompatibilities | | 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. |
| 7.3 Specific end use(s) | | 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 ³)	STEL (ppm)	STEL (mg/m ³)	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.
9.2 Other information	None.

10. SECTION 10: STABILITY AND REACTIVITY

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

11. SECTION 11: TOXICOLOGICAL INFORMATION

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

12. SECTION 12: ECOLOGICAL INFORMATION

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

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	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.
13.2 Additional Information	Disposal should be in accordance with local, state or national legislation.



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14. SECTION 14: TRANSPORT INFORMATION

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

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1 EU regulations	
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.
15.1.2 National regulations	None known.
15.2 Chemical Safety Assessment	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



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Annex to the extended Safety Data Sheet (eSDS)

No information available.