

SDS ATTACHMENT

PLEASE ATTACH THIS COMPLETED SHEET TO THE SDS FOR:

PRODUCT:

CT90 Cutting and Tapping Fluid - Aerosol

DATE:

(SDS date)

19-Nov-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
Email: 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


CT-90 Cutting and Tapping Fluid **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	CT-90 Cutting and Tapping Fluid.
Trade Name	CT-90 Cutting and Tapping Fluid.
Part No.	1846
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)	Extreme pressure rated lubricant for metal cutting.
Uses advised against	Do not mix with water.
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	00 44 (0) 1942 713667
Fax	00 44 (0) 1942 716235
E-Mail (competent person)	info@actioncan.com
1.4 Emergency telephone number	
Emergency Phone No.	00 44 (0) 01942 713667 (Mon - Fri: 9am to 5pm)

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)	Aerosol 1; Extremely flammable aerosol. Pressurised container: May burst if heated.
2.2 Label elements	According to Regulation (EC) No. 1272/2008 (CLP) CT-90 Cutting and Tapping Fluid.
Product Name	
Hazard Pictogram(s)	
Signal Word(s)	GHS02 Danger.
Hazard Statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated.
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.
Additional Information	P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. Keep out of reach of children. Do not spray on a naked flame or any incandescent material.



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

This product is aerosol packed and in a limited quantity as such it is unlikely to pose a significant spill or environmental hazard.

2.3 Other hazards

Repeated exposure may cause skin dryness or cracking.

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)
Distillates (petroleum), hydrotreated heavy naphthenic	60 – 80	64742-52-5	265-155-0	01-2119467170-45-0000	None
Petroleum gas, liquefied	20 – 40	68476-85-7	270-704-2	01-2119485911-31-0000	GHS02, Flam. Gas 1; H220, GHS04, Press Gas: Liquefied gas; H280

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 skin with soap and water. If symptoms develop, obtain medical attention.

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.

5. SECTION 5: FIRE-FIGHTING MEASURES

Pressurised container: May burst if heated.

5.1 Extinguishing Media

Suitable Extinguishing Media

Extinguish preferably with dry chemical, sand, foam or carbon dioxide.



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- Unsuitable Extinguishing Media
- 5.2 Special hazards arising from the substance or mixture**
- 5.3 Advice for fire-fighters**
- Do not use water jet.
Heating may cause pressure rise with risk of bursting.
Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.
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**
- 6.2 Environmental precautions**
- 6.3 Methods and material for containment and cleaning up**
- 6.4 Reference to other sections**
- Eliminate sources of ignition. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.
Do not release large quantities into the surface water or into drains.
Place leaking cans in a bucket or pail to minimise product contamination of surfaces. Leaked product will render floors very slippery. Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material. Collect spillage. Transfer to a lidded container for disposal or recovery.
See Also Section: 8.

7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
- 7.2 Conditions for safe storage, including any incompatibilities**
- 7.3 Specific end use(s)**
- Provide adequate ventilation. 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. Wear protective gloves/protective clothing/eye protection/face protection.
Wash hands thoroughly after handling.
Protect from sunlight. Industrial product for professional use.
Locked storage does not apply to this product.
Do not expose to temperatures exceeding 50°C/ 122°F.
Stable under normal conditions.
Strong oxidising agents. Do not mix with water.
Extreme pressure rated lubricant for metal cutting.




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
Petroleum gas, liquefied	68476-85-7	1000	1740	1250	2180	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

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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. Wear suitable eye/face protection.
	
Skin protection (Hand protection/ Other)	Not normally required. Wear suitable gloves if prolonged skin contact is likely.
	
Respiratory protection	Normally no personal respiratory protection is necessary. 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	Colourless.
Odour	Odourless.
Odour Threshold	Not available.
pH	Not available.
Melting Point/Freezing Point	< 0 °C (Distillates (petroleum), hydrotreated heavy naphthenic).
Initial boiling point and boiling range	> 200 °C (Distillates (petroleum), hydrotreated heavy naphthenic).
Flash Point	- 56 °C (Petroleum gas, liquefied).
Evaporation rate	Not applicable.
Flammability (solid, gas)	Extremely flammable.
Upper/lower flammability or explosive limits	0.8 – 9.0 Vol-% @ 25 °C
Vapour pressure	2.41 bar
Vapour density	Not available.
Relative density	0.81 (bulk product before aerosol packing).
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	410 - 540 °C (Petroleum gas, liquefied).
Decomposition Temperature	Not available.
Viscosity	> 20.5 mm /s @ 40°C (Distillates (petroleum), hydrotreated heavy naphthenic).
Explosive properties	Contains gas under pressure; may explode if heated.
Oxidising properties	Not oxidising.
9.2 Other information	
DMSO Content	< 3%

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.



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10.3	Possibility of hazardous reactions	No hazardous reaction known if used for its intended purpose.
10.4	Conditions to avoid	Keep away from heat, sources of ignition and direct sunlight.
10.5	Incompatible materials	Strong oxidising agents.
10.6	Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
11.1.1	Mixtures	
	Acute toxicity	Low acute toxicity. Distillates (petroleum), hydrotreated heavy naphthenic: Oral: LD50 (rat) > 5000 mg/kg Inhalation: LC50 (rat) = 2.18 mg/l Dermal: LD50 (rabbit) > 2000 mg/kg
	Irritation	Repeated exposure may cause skin dryness or cracking.
	Corrosivity	Not classified.
	Sensitisation	It is not a skin sensitiser.
	Repeated dose toxicity	None anticipated.
	Carcinogenicity	None anticipated. No evidence of carcinogenicity. No components are listed as a carcinogens or suspected carcinogens.
	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	The product is poorly biodegradable. The product is likely to persist in the environment.
12.3	Bioaccumulative potential	No information available.
12.4	Mobility in soil	Insoluble in water. The product is predicted to have low mobility in soil.
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: Dispose of wastes in an approved waste disposal facility.
13.2	Additional Information	Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

14.1	UN number	UN 1950 (EEC tariff No. 340399-10)
14.2	UN Proper Shipping Name	AEROSOLS. AEROSOLS, FLAMMABLE.
	ADR/RID/ADN/IMDG	
	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.



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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
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

Hazard Statement(s)

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

Hazard Pictogram(s)

GHS02



GHS04



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Annex to the extended Safety Data Sheet (eSDS)

No information available.