



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.	1483
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. Industrial product not intended for supply to the general public.
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	
Regulation (EC) No. 1272/2008 (CLP)	Not classified as dangerous for supply/use/conveyance.
2.2 Label elements	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) CT-90 Cutting and Tapping Fluid.
Hazard pictogram(s)	
Signal word(s)	GHS07 Warning.
Hazard statement(s)	EUH066: Repeated exposure may cause skin dryness or cracking. H412: Harmful to aquatic life with long lasting effects.
Precautionary statement(s)	None



CT-90 Cutting And Tapping Fluid

Additional Information	None
2.3 Other hazards	None.
2.4 Additional Information	None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Polybottle with applicator spout.

3.1 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Residual oils (petroleum), Solvent- refined	95-100	64742-01-4	265-101-6	None assigned	None

3.2 Additional Information

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

Product containing less than 3% DMSO extract as measured by IP346.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation	Move person to fresh air. If symptoms persist, obtain medical attention.
Skin Contact	Wash skin with soap and water. If symptoms persist, obtain medical attention.
Eye Contact	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. If symptoms persist, obtain medical attention.
Ingestion	Unlikely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

Unlikely to be required but if necessary treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

No special requirements.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical or foam.
Unsuitable Extinguishing Media	Water jet spray.

5.2 Special hazards arising from the substance or

Decomposes in a fire giving off toxic fumes: Carbon monoxide,



CT-90 Cutting And Tapping Fluid

- 5.3** **mixture**
Advice for fire-fighters Carbon dioxide, unburned hydrocarbon (smokes).
 Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

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 oil spill.

- 6.1** **Personal precautions, protective equipment and emergency procedures** Caution - spillages may be slippery. Stop leak if safe to do so.
- 6.2** **Environmental precautions** Do not allow to enter drains, sewers or watercourses.
- 6.3** **Methods and material for containment and cleaning up** Place leaking cans in a bucket or pail to minimise product contamination of surfaces. Leaked product will render floors very slippery. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Transfer to a container for disposal.
- 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.
- 7.2** **Conditions for safe storage, including any incompatibilities** No special storage conditions apply.
- Storage Temperature N/A
- Storage Life Stable under normal conditions.
- Incompatible materials Strong oxidising agents, Strongly alkaline, Strongly acidic.
- 7.3** **Specific end use(s)** General effective lubrication of metal components and light machinery. Industrial product not intended for supply to the general public.

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
Residual oils (petroleum), Solvent- refined	64742-01-4	-	5	-	10	-

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.



CT-90 Cutting And Tapping Fluid

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.



Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Brown.
Odour	Characteristic.
Odour Threshold	Not applicable.
pH	Not available.
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	225°C
Flash point	225°C
Evaporation rate	Not available.
Relative density	1.08 @ 15.5°C.
Solubility(ies)	Insoluble in water. Soluble in: Aliphatic hydrocarbons.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	This product is not self igniting.
Decomposition Temperature	Not available.
Kinematic Viscosity	132cSt @ 40°C
Explosive properties	None.
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	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
10.5 Incompatible materials	Strong oxidising agents, Strongly alkaline, Strongly acidic.



CT-90 Cutting And Tapping Fluid

10.6 Hazardous Decomposition Product(s) Carbon monoxide, Carbon dioxide, unburned hydrocarbon (smokes).

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
11.1.1 Mixtures	
Acute toxicity	Low oral toxicity. Not classified.
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.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Low toxicity to aquatic organisms.
12.2 Persistence and degradability	Biodegradable.
12.3 Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4 Mobility in soil	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. 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	Not classified.
14.2 UN proper shipping name	
ADR/RID/ADN/IMDG	Not classified.
ICAO/IATA	Not classified.
14.3 Transport hazard class(es)	
ADR/RID/ADN/IMDG	Not classified.
ICAO/IATA	Not classified.
14.4 Packing Group	Not classified.
14.5 Environmental hazards	Not classified.
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	
14.8.1 ADR Hazard label(s)	None.
14.8.2 IMDG Code	None.

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or



CT-90 Cutting And Tapping Fluid

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 XIV LIST OF SUBSTANCES SUBJECT TO AUTHORISATION	All chemicals are not listed.
REACH: ANNEX XVII RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES	All chemicals are not listed.
Community Rolling Action Plan (CoRAP); Draft 04/11/2013	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.

List contains all hazards, precautions and hazard pictograms may/may not be applicable to this product.

LEGEND

EUH066: Repeated exposure may cause skin dryness or cracking

Hazard statement(s)

H412: Harmful to aquatic life with long lasting effects.

Hazard pictogram(s)



GHS07

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose.

Action Can Ltd. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Action Can Ltd. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Annex to the extended Safety Data Sheet (eSDS)

No information available.