

SDS ATTACHMENT

PLEASE ATTACH THIS COMPLETED SHEET TO THE SDS FOR:

PRODUCT:

CT90 Cutting and Tapping Compound

DATE:

(SDS date)

16-Jul-15

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.




CT-90 Cutting and Tapping Compound **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 Compound. |
| Trade Name | CT-90 Cutting and Tapping Compound. |
| Part No. | 1528 |
| 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) | Cutting, drilling, thread cutting of hard metals. |
| 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. 00 44 1942 713667 01942 716235 info@actioncan.com |
| Telephone | |
| Fax | |
| E-Mail (competent person) | |
| 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) | Aquatic Acute 1; Very toxic to aquatic life. Aquatic Chronic 1; Very toxic to aquatic life with long lasting effects. EUH066: Repeated exposure may cause skin dryness or cracking. |
| 2.2 Label elements | According to Regulation (EC) No. 1272/2008 (CLP) CT-90 Cutting and Tapping Compound. |
| Product Name | |
| Hazard Pictogram(s) |  |
| Signal Word(s) | GHS09 Warning. |
| Hazard Statement(s) | H410: Very toxic to aquatic life with long lasting effects. EUH066: Repeated exposure may cause skin dryness or cracking. |
| Precautionary Statement(s) | P273: Avoid release to the environment. |



CT-90 Cutting and Tapping Compound

P391: Collect spillage.
 P501: Dispose of contents/container to: Suitable refuse site.

2.3 Other hazards

None.

2.4 Additional Information

Do not keep cloths contaminated with this product in overall pockets or keep next to skin.
 For full text of H/P statements see section 16.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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) |
|---|---------|-------------|---------------|------------------------|--|
| Alkanes, C14-17, chloro | 50 - 60 | 85535-85-9 | 287-477-0 | 01-2119519269-33-0000 | Lact.; H362, GHS09, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, EUH066 |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 10 - 20 | 64742-65-0 | 265-169-7 | 01-2119471299-27-0000 | None |
| Distillates (petroleum), hydrotreated heavy naphthenic | 0.5 - 1 | 64742-52-5 | 265-155-0 | 01-2119467170-45-0000 | None |
| Terpineol | 0.5 - 1 | 8000-41-7 | 232-268-1 | 01-2119553062-49-0000 | GHS07, Skin Irrit. 2; H315, Eye Irrit. 2; H319 |
| Calcium long-chain alkaryl sulfonate | 0.5 - 1 | 115733-10-3 | None assigned | None assigned | GHS07, Acute Tox. 4; H302, Skin Sens. 1; H317, Eye Irrit. 2; H319, GHS08, Resp. Sens. 1; H334 |
| Dipentene | 0 - 0.5 | 138-86-3 | 205-341-0 | None assigned | GHS02, Flam. Liq. 3; H226, GHS07, Skin Irrit. 2; H315, Skin Sens. 1; H317, GHS09, Aquatic Acute 1; H400, Aquatic Chronic 1; H410 |

3.2 Additional Information

NOTE: THE PRODUCT CONTAINS LESS THAN 3% DMSO.

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



CT-90 Cutting and Tapping Compound

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. |
| Eye Contact | Flush eyes with water for at least 15 minutes while holding eyelids open. |
| Ingestion | Wash out mouth with water. |

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

Very low flammability potential.

5.1 Extinguishing Media

| | |
|--------------------------------|--|
| Suitable Extinguishing Media | Extinguish preferably with foam, carbon dioxide or dry chemical. |
| Unsuitable Extinguishing Media | None known. |

5.2 Special hazards arising from the substance or mixture

Combustion or thermal decomposition will evolve toxic and irritant vapours.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wash hands thoroughly after handling.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Small spillages: Wipe up remainder then remove to safe place.
Large spillages: Contain spillages with sand, earth or any suitable adsorbent material. Collect spillage. 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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely. Wash hands thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

| | |
|------------------------|---------------------------------|
| Storage Temperature | Ambient. |
| Storage Life | Stable under normal conditions. |
| Incompatible materials | None anticipated. |

7.3 Specific end use(s)

Lubricant for metal cutting.



CT-90 Cutting and Tapping Compound

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 |
|---------------|---------|---------------------|------------------------------------|------------|---------------------------|------|
| None assigned | | | | | | |

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) 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 Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|--|---------------------|
| Appearance | Solid (Pastes). |
| Colour | Brown. |
| Odour | Characteristic. |
| Odour Threshold | Not established. |
| pH | Not applicable. |
| Melting Point/Freezing Point | Not applicable. |
| Initial boiling point and boiling range | Not applicable. |
| Flash Point | <150°C |
| Evaporation rate | Not applicable. |
| Flammability (solid, gas) | Non-flammable. |
| Upper/lower flammability or explosive limits | Not applicable. |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient: n-octanol/water | Not available. |
| Auto-ignition temperature | <250°C |



CT-90 Cutting and Tapping Compound

| | | |
|------------|---------------------------|----------------|
| | Decomposition Temperature | Not available. |
| | Viscosity | Not available. |
| | 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 | No hazardous reaction known if used for its intended purpose. |
| 10.4 | Conditions to avoid | None known. |
| 10.5 | Incompatible materials | None anticipated. |
| 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. Alkanes, C14-17, chloro: LD50 (Oral) (rat) >4000mg/kg bw LD50(Dermal) (rabbit) >10ml/kg bw |
| | Irritation | Non-irritant. Repeated exposure may cause skin dryness or cracking. |
| | 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 | Not classified. |
| 11.2 | Other information | None. |

12. SECTION 12: ECOLOGICAL INFORMATION

| | | |
|-------------|---|---|
| 12.1 | Toxicity | Aquatic Acute 1; Very toxic to aquatic life. Aquatic Chronic 1; Very toxic to aquatic life with long lasting effects. |
| 12.2 | Persistence and degradability | Part of the components are poorly biodegradable. Alkanes, C14-17, chloro: Biodegradation: 43% (28 days) |
| 12.3 | Bioaccumulative potential | The product has high potential for bioaccumulation. Alkanes, C14-17, chloro: Bioconcentration factor (BCF) : 6660l/kg |
| 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 known. |

13. SECTION 13: DISPOSAL CONSIDERATIONS

| | | |
|-------------|--------------------------------|---|
| 13.1 | Waste treatment methods | Dispose of contents/container to: Suitable refuse site. Dispose of this material and its container as hazardous waste. Consult an accredited waste disposal contractor or the local authority for advice. |
| 13.2 | Additional Information | Disposal should be in accordance with local, state or national legislation. |



CT-90 Cutting and Tapping Compound

14. SECTION 14: TRANSPORT INFORMATION

| | | |
|------|--|--|
| 14.1 | UN number | UN 3077 |
| 14.2 | UN Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains: Alkanes, C14-17, Chloro, Dipentene) |
| 14.3 | Transport hazard class(es) | 9 |
| 14.4 | Packing Group | III |
| 14.5 | Environmental hazards | The product is packed in steel containers of 480gms the possibility of serious environmental damage is remote. |
| 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/RID | Hazard Identification Number: 90 Tunnel Restriction Code: (E) |
| | IMDG | EmS: F-A S-F |
| | ICAO/IATA | Packing instruction (Cargo): 956, Maximum quantity: 400kg Packing instruction (Passenger): 956, Maximum quantity: 400kg |

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) | Listed: Alkanes, C14-17, Chloro (CAS No.: 85535-85-9) |
| 15.1.2 | National regulations | None known. |
| 15.2 | Chemical Safety Assessment | Not applicable. |

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 |
| LD50 | Median lethal dose |
| Acute Tox. 4 | Acute toxicity Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment Acute Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment Chronic Category 1 |
| Eye Irrit. 2 | Serious eye damage/irritation Category 2 |
| Flam. Liq. 3 | Flammable liquid Category 3 |
| Lact. | Effects via lactation. |



CT-90 Cutting and Tapping Compound

| | |
|---------------|---|
| Resp. Sens. 1 | Respiratory or skin sensitization Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Respiratory or skin sensitization Category 1 |
| ADR/RID | Regulations Concerning the International Carriage of Dangerous Goods by Rail/ European Agreement concerning the International Carriage of Dangerous Goods by Road |
| IMDG | International Maritime Code for Dangerous Goods |
| ICAO/IATA | International Civil Aviation Organization/ International Air Transport Association |

Hazard statement(s)

| | |
|--------|--|
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H362 | May cause harm to breast-fed children. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

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)

Not applicable.