

Printing date: 12.08.2011

## Safety Data Sheet

According to 1907/2006/EC, Article 31



Revision: 12.08.2011

Trade name: CT-90 Cutting and Tapping Fluid Aerosol / CT-90 Cutting and Tapping Fluid Aerosol Foam Type

### 1. Identification of the substance/mixture and of the company/undertaking

**Product Identification:** CT-90 Cutting/Tapping Fluid Aerosol /CT-90 Cutting and Tapping Fluid Foam Type

**Product Code :** 1846/1900

**Intended Use:** Extreme Pressure Rated lubricant for Metal Cutting

**Do not mix with water**

**Manufacturer**

Action Can Ltd.

Dixon Close, Old Boston Trading Estate,  
Haydock, St Helens, England WA11 9SF

Further information obtainable from: [information@actioncan.com](mailto:information@actioncan.com)

Emergency email: [mikegarritty@actioncan.com](mailto:mikegarritty@actioncan.com)/ Tele No. 01942 713667

### 2. Hazards identification

**Health and Safety:** Extremely Flammable. Do not pierce or burn even when empty.

**Environment:** Not classified as hazardous to the environment.

**Safety:**

**Other Hazards:** Prolong or repeated skin contact without proper cleaning can clog skin pores, resulting in disorders such as oil acne/folliculitis.

Do not use without adequate ventilation.

Inhalation may cause dizziness/nausea/upper respiratory irritation.

No smoking.

Keep out of reach of children.

Do not spray on hot surfaces.

Eye contact may cause irritation.

Ingestion may cause irritation.

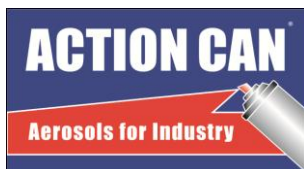
Pressurised container protect from sunlight.

Store below 50°C.

### 3. Composition/information on ingredients

**None Hazardous ingredients** May Not Be Listed. This product does not contain any nut/bean derived ingredients. This product does not contain any wheat/citric acid derived ingredients.

Hazardous Ingriedients	CAS	EINECS	Symbol	Risk Phrases	Percentage
Mineral Oil	64742-52-5	256-155-0		Not applicable	75%
Butane	68476-85-7	270-704-2		R12	25%



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### 4. First aid measure

As a general rule, in case of doubt or symptom persist, consult a doctor

**In the event of :**

**Exposure by inhalation:** Ensure airway is clear and free from any obstruction. Move person to fresh air at once ensuring one's own safety whilst doing so.

**Splashes or contact with eyes:** Ensure contact lenses are removed, rinse eyes with clean cold water, running water for 15 minutes. Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

**Splashes or contact with skin:** Wash skin with soap and water immediately. Not a skin irritant, suggestions made for good industrial practice. If irritation occurs seek medical attention.

**Swallowing:** Rinse mouth with water. Do not induce vomiting. In general no treatment is necessary unless large quantities are ingested. However get medical advice.

### 5. Firefighting measures

**Extinguishing media:** Do not use water. Use CO2/dry foam/sand. Cool stocks of non burning product with water mist to reduce possibility of aerosol cans exploding.

**Special Protective Equipment for Fire Fighters :** Appropriate self contained breathing apparatus is required. Wear protective clothing to avoid contact with skin and eyes.

**Special Exposure Hazard:** Fire will produce smoke containing combustion products which may be a health hazard.

### 6. Accidental release measures

**Personal precautions:** Consult the safety measure listed under 7 & 8. Remove all sources of ignition and ventilate the area.

**Methods of cleaning up:** Absorb spillage in suitable inert material such as sand, earth, vermiculite, diatomaceous earth. Do not use equipment for clean up procedures that produce or cause sparks. Place in a suitable labeled salvage container for disposal by an appropriate method.

**Environmental precautions:** Dispose of waste recovered in accordance with applicable regulations (see handling 13). Not classified as an environmental pollutant spills will result in slippery surfaces. In practice spills from aerosol containers being under 1 litre in volume are not likely to pose a significant environmental risk.

### 7. Handling and storage

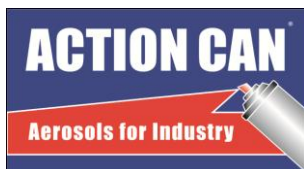
**Handling:** Ensure the area is well ventilated. Do not pierce or burn aerosols, even after use. Avoid skin and eye contact. Avoid inhalation of vapour, and spray mist.

**Fire Prevention:** Smoking is prohibited. Use only in areas from which all sources of heat, sparks and open flame have been excluded.

**Recommended equipment and procedures:** For personal safety see 8.

Store below 50°C in dry, well ventilated area away from sources of heat, ignition and direct sunlight. Ensure lighting and electric equipment is not a source of ignition. Keep out of reach of children. Store separately from strong oxidizing agents and strongly alkaline and strongly acidic materials. Not to be stored in stairwells.

**Suitable packaging:** Must only be kept in original packaging.



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### 8. Exposure controls/personal protection

<b>Ingredient Name:</b>	<b>Workplace Exposure</b>	<b>Short term Exposure</b>
	Limit 8 hours	Limit 15 mins
<b>Mineral Oil:</b>	5mg/m <sup>3</sup>	10mg <sup>3</sup>
<b>Butane :</b>	600ppm	750ppm

**Engineering measures:** Ensure adequate ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** No specific respiratory protection recommendations are made. Respiratory protection must be used if the general level exceeds the OES stated. Provide adequate local exhaust ventilation.

**Hand protection:** Wear non-porous gloves, solvent, resistant variety advised.

**Eye and face protection:** Wear safety goggles or wear safety glasses with side shields.

**Skin protection:** Wear protective clothing.

**Hygienic work routine :** Do not smoke in the work area or when using this product. Wash hands/face at the end of each shift and before eating/smoking/using toilet. Remove promptly any clothing contaminated with this product and wash skin to remove traces of product. Do not eat or drink when using this product.

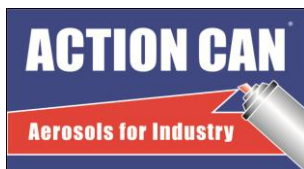
For further information see 11 – Toxicological information.

### 9. Physical and chemical properties

<b>Physical State</b>	Liquid contained in steel aerosol canister
<b>Colour</b>	Clear colourless liquid
<b>Odour</b>	None
<b>pH of the substance or preparation</b>	Not available
<b>Melting point range</b>	Not available
<b>Boiling point range</b>	Not available
<b>Flashpoint</b>	250°C bulk product before packing
<b>Density</b>	0.81 Before aerosol packing
<b>Flammability limits % lower</b>	0.8 (%vol in air at 25°C)
<b>upper</b>	9.0(%vol in air at 25°C)
<b>Evaporation rate</b>	
<b>Water solubility</b>	Insoluble
<b>Vapour pressure</b>	2.41 bar
<b>Autoflammability</b>	Not available

### 10. Toxicological information

<b>Ingredient:</b>	Mineral Oil, LD50 (animal/Oral), expected to be low 5000mg/kg Rat.
<b>Routes of exposure:</b>	Refer to 4 of the SDS for routes of exposure and corresponding symptoms.
<b>Note:</b>	The company has not submitted this product for animal testing.



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### 11. Stability and reactivity

**Stability:** Stable  
**Conditions to avoid:** Naked flames, red hot surfaces, other high temperature source  
**Materials to avoid:** Oxidising agents, strong acids, strong alkalis  
**Hazardous decomposition products:** In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

### 12. Ecological information

**Acute toxicity:** No negative effects on the aquatic environment are known.  
**Mobility:** Non toxic in the environment. Water insoluble will spread over water surface.  
**Persistence/degradability:** Will slowly biodegrade. In soil will be absorbed by upper layers. In practice the unit of issue being 500ml or less the product is not likely to pose a significant hazard.

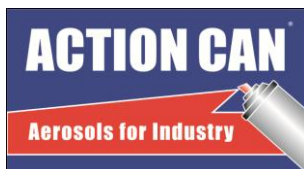
### 13. Disposal considerations

**Waste:** Dispose of in accordance with regulation made under the Control of Pollution Act.  
**Soiled:** Dispose of in a regulated landfill site in accordance with local regulations. Contact Waste.  
**Packaging:** Regulation Authority for advice whether the special waste regulations apply.

### 14. Transport information

#### ADR/RID Road Rail:

UN No: 1950  
Class: 2.1  
Item No.: 5F  
Shipping Name: Aerosol  
Labeling: 2.1  
Marginal: 2201  
IMDG/IMO Sea:  
UN No: 1950 EEC tariff No. 340399-10  
Class: 2.1  
EmS:  
Labeling: 2.1  
Marine pollutant:  
IATA/ICAO AIR  
Un No: 1950  
Class: 2.1  
Labeling: 2.1  
LQ: Limited Quantity provisions apply



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### 15. Regulatory information

This preparation was classified in compliance with the Dangerous Product regulations incl. EC Directives (67/548/EEC and 1999/45/EC):

**Hazard symbols:** R12 Extremely Flammable

**Risk-phrases:** R66 Repeated exposure may cause skin cracking

**Safety-phrases:** S2 Keep out of the reach of children

S16 Keep away from sources of ignition, no smoking

S23 Do not breathe vapour/spray

S43 In case of fire use sand, earth, chemical powder, or foam

S51 Use only in well ventilated areas

S62 If swallowed do not induce vomiting, seek medical advice and show this container or label.

Pressurised container protect from sunlight and do not expose to temperatures above 50°C

Do not pierce or burn even after use.

**Label Haz ingredients:**

**Regulatory References:** The control of Substances Hazardous to Health Regulations 1988.

Chemical Hazard information and Packing Regulations 1993.

Rivers (Prevention of Pollution) Act 1961

Control of Pollution (Special Waste Regulations) 1980

Chemical Hazard (information and packing) Regulations.

Classification and Labeling of Substances and Preparations Dangerous for supply.

Occupational Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

C.H.I.P. for everyone HSG (108)

**Particular provisions:** The regulatory information provided only points out the main regulations that apply specifically to the product described in the safety data sheet. We draw the user's attention to the possible continuations of additional provisions which complete these regulations. Refer to all relevant national, international and local provisions and/or regulations.

### 16. Other information

**User Notes:** We believe that the statements, technical information and recommendations made herein are reliable. However the data is provided without warranty, expressed or implied. It is the user's responsibility both to determine safe conditions for use of this product and assume loss damage or expense, direct or consequential, arising for its use. Before using the product read information printed on label.

**Revision in s.3**

**Legal**

**Disclaimer:**

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representations are made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.