
SECTION 1 Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
- Product Name: Evolution Cutting Fluid
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Use of the substance/mixture: Neat Cutting Oil
- Use advised against: Do not use in any other application.
- 1.3 Details of the supplier of the safety data sheet
- Name of Supplier: Evolution Power Tools Ltd
- Address of Supplier: Venture One
Longacre Close
Holbrook Industrial Estate
Sheffield
S20 3FR
UK
- Telephone: +44 (0)114 251 1022 Office hours only.
- Email: enquires@evolutionpowertools.com
- 1.4 Emergency telephone number
- Emergency Telephone: +44 (0)114 251 1022

SECTION 2 Hazards identification

- 2.1 Classification of the substance or mixture
- CLP: Classification - EC1272/2008
- CHIP: Classification -67/548/EEC
- 2.2 Label elements



- Hazard phrases
H372 - Causes damage to the skin through repeated or prolonged exposure
- Precautionary Phrases
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.
- 2.3 Other hazards
- No other known hazards.

SECTION 2 Hazards identification (....)

- A petroleum product. DMSO extract < 3 Weight % (IP 346). The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. This note applies only to certain complex oil derived substances. (1272/2008/EC ("CLP"), Annex VI, Note L)

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Distillates (petroleum), solvent-refined light paraffinic; Baseoil - unspecified
CAS Number: 64741-89-5
EC Number: 265-091-3
REACH Registration Number: Not Available.
Concentration: 85-95%
R/H Phrases: Not Applicable
- Bio Fatty acids
CAS Number: 93165-31-2
EC Number: 296-916-5
REACH Registration Number: Not Available.
Concentration: 3-6%
R/H Phrases: Not Applicable
- Oils, animal, mixed with vegetable oil Me esters, sulfurized
CAS Number: 68990-81-8
EC Number: 273-626-7
REACH Registration Number: This material is classified as a polymer (according to Regulation (EC) no 1907/2006, Article no 3.5).
Concentration: 3-8%
R/H Phrases: Not applicable.

SECTION 4 First aid measures

4.1 Description of first aid measures

- Inhalation
Do not breath Dust or Vapour. If inhaled and the vapour causes irritation to the nose or throat move the person to fresh air. If symptoms persist obtain medical attention.
- Contact with eyes
Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eye lids open.
Seek medical attention if irritation or symptoms persit.
- Contact with skin
For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.

SECTION 4 First aid measures (....)

- Ingestion
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
 - 4.2 Most important symptoms and effects, both acute and delayed
 - May cause irritation to skin and eyes.
 - 4.3 Indication of any immediate medical attention and special treatment needed
 - Skin contact: Wash with soap and water.
 - If in eyes: Flush with lukewarm water for 15 minutes. Seek medical attention if irritation develops.
 - Ingestion: If swallowed, seek medical advice immediately and show this container or label.
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SECTION 5 Fire-fighting measures

- 5.1 Extinguishing media
 - Use an extinguishing agent suitable for the surrounding fire. Carbon oxides. Carbon dioxide (CO₂). Sand.
 - 5.2 Special hazards arising from the substance or mixture
 - Burning produces obnoxious and irritating fumes.
 - Any spillage needs to be contained and not allowed to enter water courses.
 - 5.3 Advice for firefighters
 - Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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SECTION 6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
 - No action shall be taken involving any personal risk or without suitable training. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid sparks, flames, heat and sources of ignition. Wear suitable protective equipment. Ensure adequate ventilation of the working area.
 - 6.2 Environmental Precautions
 - Any spillage needs to be contained and not allowed to enter water courses.
 - 6.3 Methods and material for containment and cleaning up
 - Absorb spillage in suitable inert material
 - Sweep or shovel-up spillage and remove to a safe place
 - Transfer to suitable, labelled containers for disposal.
 - 6.4 Reference to other sections
 - See Section 2
 - See Section 16
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SECTION 7 Handling and storage

- 7.1 Precautions for safe handling
- Adopt best Manual Handling considerations when handling, carrying and dispensing. Temperature: 0- 50°C.
 - Ventilate well, avoid breathing breathing odours,
- 7.2 Conditions for safe storage, including any incompatibilities
- Keep in a cool, dry, well ventilated place
 - Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.
- 7.3 Specific end use(s)
- See Section 1
 - See Section 16

SECTION 8 Exposure controls/personal protection

- 8.1 Control parameters
- Distillates (petroleum), solvent-refined light paraffinic; Baseoil - unspecified
WEL 8-hr limit ppm: WEL 8-hr limit mg/m³: 5
WEL 15 min limit ppm: WEL 15 min limit mg/m³: 10

8.2 Exposure controls



- Chemical resistant gloves (PVC).
- Wear plastic gloves
- Wear protective clothing.
- Ensure adequate ventilation of the working area.

SECTION 9 Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- Appearance: Liquid, Light Amber
 - Odour: Mild
 - Freezing point/Range: -9C
 - Boiling Point/Range: No Data Available
 - Flashpoint: >150
 - Oxidising Properties: Not considered oxidising
 - Autoignition Temperature 300C
 - Relative density: 0.875 - 0.91
 - Explosive Properties: Considered stable under normal conditions
- 9.2 Other information
- The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

SECTION 10 Stability and reactivity

- 10.1 Reactivity
- Stable under normal temperature conditions and recommended use.
- 10.2 Chemical stability
- Considered stable under normal conditions
- 10.3 Possibility of hazardous reactions
- Unlikely under normal conditions of use and storage,. Do not mix with other materials.
- 10.4 Conditions to avoid
- Avoid heat, flames and other sources of ignition.
- Store at temperatures between 0 °C and 50 °C.
- 10.5 Incompatible materials
- Strong oxidising substances.
- 10.6 Hazardous Decomposition Products
- Burning produces obnoxious and irritating fumes.
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SECTION 11 Toxicological information

- 11.1 Information on toxicological effects
- Evolution Cutting Fluid
- Inhalation Rat LC50/30min: >5.53 Dermal Rat LD50: >2000
Oral Rat LD50: >5000
- Information given is based on data on the components and the toxicology of similar products.
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SECTION 12 Ecological information

- 12.1 Toxicity
- No Data Available
- 12.2 Persistence and degradability
- This product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects to the aquatic environment.
- 12.3 Bioaccumulation Potential
- Bioaccumulation is unlikely to be significant due to the low water solubility of this product.
- 12.4 Mobility in soil
- Non volatile. The product is poorly absorbed onto soils or sediments
- 12.5 Results of PBT and vPvB assessment
- Not applicable.
- 12.6 Other Adverse Effects
- May cause long-term adverse effects in the environment.
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
 - EU Waste Disposal Code (EWC): 13 07 01 fuel oil and diesel. The number given to waste is associated with the appropriate usage.
The user must decide if their particular use results require another waste code being assigned.
 - We recycle 205L and 1000L packaging.
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SECTION 14 Transport information

14.1 UN Number

- UN No.: Not classified as hazardous for transport

14.2 UN Proper Shipping Name

- Proper Shipping Name: Not classified as hazardous for transport

14.3 Transport hazard class(es)

- Hazard Class: Not classified.

14.4 Packing group

- Packing Group: IMDG Packing group N/A, ICAO Packing group N/A

14.5 Environmental hazards

- Environmentally hazardous: Yes Marine pollutant: No

14.6 Special precautions for user

- Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable
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SECTION 15 Regulatory information

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

- Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations.

15.2 Chemical Safety Assessment

- No chemical assessment has been carried out as this Safety Data Sheet is for a mixture
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SECTION 16 Other information

Disclaimer

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
