

JEFSPRO3

Cutting & Tapping Fluid

Safety Data Sheet
Regulation EC No 1907/2006 Art.31

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

1.1 Product Identification: JEFFERSON CUTTING & TAPPING FLUID

1.2 Relevant identified uses: Lubricants

1.3 Details of the supplier of the safety data sheet:

Jefferson Tools,
Herons Way,
Chester Business Park,
Chester
CH4 9QR
United Kingdom

1.4 Emergency telephone number: +44 (0)1244 646 048

1.5 Product Code: JEFSPRO3

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical:	Not classified
Classification is based on test data	
Health:	Effects on or via Lactation May cause harm to breast-fed children.
Classification based on calculation method.	
Environment:	Hazardous to the aquatic environment, chronic category 1 Very toxic to aquatic life with long lasting effects.
Classification based on calculation method.	Repeated exposure may cause skin dryness or cracking.

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2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictogram(s):	
Signal word:	Warning
Hazard statement(s):	H362 : May cause harm to breast-fed children. H410 : Very toxic to aquatic life with long lasting effects.
Precautionary statement(s):	P101 : If medical advice is needed, have product container or label at hand. P102 : Keep out of reach of children. P263 : Avoid contact during pregnancy/while nursing. P273 : Avoid release to the environment. P391 : Collect spillage. P501-2 : Dispose of contents/container to an authorised waste collection point.
Supplemental Hazard information:	Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

No information available

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SECTION 3: Composition/information on ingredients

3.1 Substances:

Not applicable.

3.2 Mixtures:

Hazardous ingredient	Registration #	CAS-nr.	EC-nr	w/w %	Hazard Class & Category	Hazard statement	Notes
Alkanes, C14-17, chloro	01-2119519269-33	85535-85-9	287-477-0	25-50	Lact., Aquatic Acute 1, Aquatic Chronic 1	H362,H400,H410	
Highly refined base oil	-	-	-	25-50	-	-	
* Explanation phrases : see Section 16							

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SECTION 4: First Aid Measures

4.1. Description of first aid measures

Contact with eyes:	If substance has got into eyes, immediately wash out with plenty of water for several minutes Seek medical attention if irritation persists.
Contact with skin:	Wash with water and soap. Seek medical attention if irritation persists.
Inhalation:	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur.
Ingestion:	If swallowed do not induce vomiting. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation:	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion:	May cause gastrointestinal disturbances Symptoms: Sore throat, abdominal pain, nausea, vomiting
Skin contact:	Mildly irritating to skin Symptoms: Redness and pain
Eye contact:	Mildly irritating to eyes Symptoms: Redness and pain

4.3. Indication of any immediate medical attention and special treatment needed

General Advice: If you feel unwell, seek medical advice (show the label where possible If symptoms persist always call a doctor)

SECTION 5: Firefighting measures

5.1. Extinguishing media

Foam, carbon dioxide or dry agent.

5.2. Special hazards arising from the substance or mixture

Forms hazardous decomposition products CO,C02

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water In case of fire, do not breathe fumes

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Shut off all ignition sources.
- Ensure adequate ventilation.
- Wear suitable protective clothing including eye/face protection.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses.

If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities.

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material.

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Use only in well ventilated areas
- Avoid contact with skin and eyes
- Wash thoroughly after use
- Wear protective gloves/protective clothing/eye protection/face protection.

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7.2. Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- Keep out of reach of children.

7.3. Specific end use(s)

Lubricants

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits:

Hazardous ingredient	CAS-nr.	Method	
National established exposure limits, United Kingdom	-	TWA	5 mg/m ³
		STEL	10 mg/m ³

8.2. Exposure controls

Control procedures:	Ensure adequate ventilation
Personal protection:	Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation
Inhalation:	In case of insufficient ventilation, wear suitable respiratory equipment
Recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
Hands and skin:	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.
Recommended gloves:	Nitrile
Eyes:	Wear safety eyewear according to EN 166.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(for aerosols data for the product without propellant)

Appearance : Physical State :	Liquid.
Colour :	Yellow
Odour :	Oil.
Ph :	Not applicable.
Boiling Point/Range :	Not available.
Flash Point :	221 °C (Open Cup)
Evaporation Rate :	Not available.
Explosion Limits: Upper Limit:	Not available.
Lower Limit:	Not available.
Vapour pressure:	Not available.
Relative density:	1.05 g/cm ³ (@ 15°C)
Solubility in water:	Insoluble in water
Auto-ignition:	Not available.
Viscosity:	>144 cSt @ 40°C

9.2. Other information

Not applicable.

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SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Based on available data the classification criteria are not met

Skin corrosion/irritation: Based on available data the classification criteria are not met

Serious eye damage/irritation: Based on available data the classification criteria are not met

Respiratory or skin sensitisation: Based on available data the classification criteria are not met

Germ cell mutagenicity: Based on available data the classification criteria are not met

Carcinogenicity: Based on available data the classification criteria are not met

Toxicity for reproduction: Based on available data the classification criteria are not met

STOT-single exposure: Based on available data the classification criteria are not met

STOT repeated exposure: Based on available data the classification criteria are not met

Aspiration hazard: Based on available data the classification criteria are not met

Information on likely routes of exposure:

Inhalation:	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion:	May cause gastrointestinal disturbances
Skin contact:	May cause irritation.
Eye contact:	May cause irritation.

Toxicological data:

No information available

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SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, chronic category 1
Very toxic to aquatic life with long lasting effects.

Ecotoxicological data:

No information available.

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product:	This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.
National regulations :	Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport Information

14.1. UN number: 3082

14.2. UN proper shipping name **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Alkanes, C14-17, chloro-)

14.3. Transport hazard class(es)

Class: 9

ADR/RID - Classification code: M6

14.4. Packing group: III

14.5. Environmental hazards

ADR/RID - Environmentally hazardous: Yes

IMDG - Marine pollutant: Marine pollutant

IATA/ICAO - Environmentally hazardous: Yes

14.6. Special precautions for user

ADR/RID - Tunnelcode: (E)

IMDG - Ems: F-A, S-F

14.7. Transport in bulk according to Annex II of MARPOL 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

The Safety Data Sheet is compiled according to the current European requirements
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation hazard statements:

H362 : May cause harm to breast-fed children.
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.

Exposure controls acronyms and synonyms:

TWA = time weight average
STEL = short time exposure limit
VOC = volatile organic compounds
PBT = persistent bioaccumulative toxic
vPvB = very persistent very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission.