



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

**Product Name:** BOSS CUTTING, THREADING & TAPPING FLUID  
**Version:** 1.2    **Ref.Nr.:** UDS000970\_3\_20220207 (EN)

**Creation / Revision Date:** 07.02.22  
**Replaces:** UDS000970\_3\_20210929

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

### 1.1. Product identifier

**BOSS CUTTING, THREADING & TAPPING FLUID**  
Bulk

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Lubricants

### 1.3. Details of the supplier of the safety data sheet

**BSS Industrial**  
**Boss Court**  
**7 Barton Close**  
**Grove Park**  
**Leicester**  
**LE19 1SJ**  
**+44 (0)116 242 7800**  
**enquiries@bssgroup.com**

### 1.4. Emergency telephone number

Emergency Telephone Number - +44 (0)116 245 5500 (8:30am - 5:00pm)

## 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.

**Other hazards :** Repeated exposure may cause skin dryness or cracking.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008



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**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

Alkanes, C14-17, Chloro

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and 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	I,C,D
Highly refined base oil	-	-	-	25-50	-	-	
<b>Explanation notes</b>							
C : PBT-substance							
D : vPvB-substance							
I : SVHC (substance of very high concern)in accordance with art.57 of REACH Regulation No 1907/2006							

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures



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**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,CO<sub>2</sub>

#### 5.3. Advice for firefighters

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

### 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.



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### 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.

### 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				
Highly refined base oil		- TWA 5 mg/m3		
		STEL	10 mg/m3	

### 8.2. Exposure controls



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<b>Control procedures :</b>	Ensure adequate ventilation
<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product.
	Ensure adequate ventilation
<b>Inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
<b>hands and skin :</b>	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.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance : physical state :</b>	Liquid.
<b>colour :</b>	Yellow.
<b>odour :</b>	Oil.
<b>pH :</b>	Not applicable.
<b>Boiling point/range :</b>	Not available.
<b>Flash point :</b>	221 °C (Open Cup)
<b>Evaporation rate :</b>	Not available.
<b>Explosion limits : upper limit :</b>	Not available.
<b>lower limit :</b>	Not available.
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	1.05 g/cm <sup>3</sup> (@ 15°C).
<b>Solubility in water :</b>	Insoluble in water
<b>Auto-ignition :</b>	Not available.
<b>Viscosity :</b>	>144 cSt @ 40°C

### 9.2. Other information

## 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



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**10.4. Conditions to avoid**

Avoid overheating

**10.5. Incompatible materials**

Strong oxidising agent

**10.6. Hazardous decomposition products**

CO,CO2

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

<b>acute toxicity:</b>	based on available data the classification criteria are not met
<b>skin corrosion/irritation:</b>	based on available data the classification criteria are not met
<b>serious eye damage/irritation:</b>	based on available data the classification criteria are not met
<b>respiratory or skin sensitisation :</b>	based on available data the classification criteria are not met
<b>germ cell mutagenicity:</b>	based on available data the classification criteria are not met
<b>carcinogenicity:</b>	based on available data the classification criteria are not met
<b>toxicity for reproduction:</b>	based on available data the classification criteria are not met
<b>STOT-single exposure:</b>	based on available data the classification criteria are not met
<b>STOT repeated exposure:</b>	based on available data the classification criteria are not met
<b>aspiration hazard:</b>	based on available data the classification criteria are not met

**Information on likely routes of exposure:**

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

**Toxicological data :**

No information available

**SECTION 12: Ecological information**

**12.1. Toxicity**

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



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**Ecotoxicological data:**

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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

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Do not discharge into drains or the environment, dispose to an authorised waste collection point.

## SECTION 14: Transport information

### 14.1. UN number

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



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#### 14.4. Packing group

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.

### 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.

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.



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