



**MATERIAL SAFETY DATA SHEET FOR
BOSS THREAD CUTTING LUBRICANT – 500ML - 84636126**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product type:	Thread Cutting Oil
Intended use:	When applied to cutting tools or work, the cutting effort is reduced, it lubricates the cut metal chip/swarf and allows the cutting tool to cut more cleanly and with a better surface finish. Formulated to be used on all hard metals/stainless steel/ceramics. Ideal for steel pipe fittings, reduces possibility of wall deformation during thread cutting. Use for drilling/sawing/thread cutting.
Trade Name:	BOSS Thread Cutting Lubricant
Supplier of product:	The BSS Group Ltd
Registered Office:	Travis Perkins PLC, Lodge Way House, Lodge Way, Harlestone Road, Northampton NN5 7UG.
Telephone/Fax Numbers:	0116 245 5500 / 0116 218 2214
E-mail Address	reception@bssgroup.com
Web site Address	www.bssindustrial.co.uk

2. HAZARD IDENTIFICATION

Main Hazards:	Flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Other Hazards:	In use, may form flammable / explosive vapour-air mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Main Constituents:
LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY 30-50% EINECS: 265-185-4 CAS: 64742-82-1 [T] R46; [Xn] R65; [-] R10; [N] R51/53
BUTANE 1-10% EINECS: 203-448-7 CAS: 106-97-8 [F+] R12

4. FIRST AID MEASURES (Symptoms)

Skin Contact:	There may be mild irritation at the site of contact
Eye Contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat
Inhalation:	No symptoms



4. FIRST AID MEASURES cont. (Action)

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact	Bathe the eye with running water for 15 minutes.
Ingestion:	Wash out mouth with water.
Inhalation:	Consult a doctor.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.
Exposure hazards:	Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.
Protection of fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Refer to section 8 of SDS for personal protection details. Notify the police and fire brigade immediately. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up procedures:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

7. HANDLING AND STORAGE:

Handling Requirements:	Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
Storage Conditions:	Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hazardous ingredients:	BUTANE WEL (8 hr TWA): 1450 mg/m ³ WEL (15 min STEL): 1810 mg/m ³
Engineering measures:	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
Respiratory Protection:	Respiratory protection not required.
Hand Protection:	Protective gloves.
Eye Protection:	Safety glasses. Ensure eye bath is to hand.
Skin Protection:	Protective clothing.



9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Aerosol
Colour:	Pale Yellow
Odour:	Characteristic odour
Evaporation Rate:	Slow
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Insoluble
Flash point °C:	38

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions. Stable at room temperature
Conditions to avoid:	Heat. Hot surfaces. Sources of ignition. Flames
Materials to avoid:	Strong oxidising agents. Strong acids.
Hazardous Decomposition products:	In combustion emits toxic fumes

11. TOXICOLOGICAL INFORMATION

Chronic toxicity:	May cause sensitisation by skin contact
Routes of exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms

12. ECOLOGICAL INFORMATION


Mobility:	Readily absorbed into soil
Persistence and degradability:	Biodegradable
Bioaccumulative potential:	No bioaccumulation potential
Other adverse effects:	Negligible ecotoxicity

13. DISPOSAL CONSIDERATIONS


Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal company
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal



14. TRANSPORT INFORMATION

ADR/RID			
UN No:	1950	ADR Class:	2
Classification code:	5F		
Shipping name:	AEROSOL		
Labelling:	2.1		
			
IMDG/IMO			
UN no:	1950	Class:	2
EmS:	F-D, S-U	Marine Pollutant:	
Labelling:	2.1		
IATA/ICAO			
UN No:	1950	Class:	2
Labelling:	2.1		

15. REGULATORY INFORMATION

Hazard symbols:	Dangerous for the environment 
Risk Phrases:	R10: Flammable. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Safety Phrases:	S23: Do not breathe spray. S38: In case of insufficient ventilation, wear suitable respiratory equipment. S60: This material and its container must be disposed of as hazardous waste. S51: Use only in well-ventilated areas. S61: Avoid release to the environment. Refer to special instructions/safety data sheets.
Precautionary phrases:	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.
Haz. ingredients (label):	LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY
Note:	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.



16. OTHER INFORMATION

Risk phrases used in s.3:	R46: May cause heritable genetic damage. R65: Harmful: may cause lung damage if swallowed. R10: Flammable. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R12: Extremely flammable.
----------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material 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, the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.