

# MATERIAL SAFETY DATA SHEET FOR BOSS CT-90 CUTTING & TAPPING FLUID



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

<b>Product type:</b>	CT-90 Cutting/tapping/reaming/drilling fluid
<b>Intended Use:</b>	CT-90 is an extreme pressure rates lubricant which is specially formulated to aid the removal of metal swarf and cut chip debris from metal surfaces. It is ideal for tapping/reaming/drilling operations and will dramatically reduce the effort required to cut threads in hard metals. Particularly effective on stainless steel and ceramics. Cut finish will be improved if CT-90 is applied prior to and during the cutting operation. Due to the active nature of the additives in CT90 it may stain some yellow metals. CT-90 is not miscible with water. CT-90 can be removed by most solvent degreasing fluids or hot water and detergent. CT-90 is particularly recommended for pipe threading where the risk of threadwall deformation is reduced.
<b>Trade Name:</b>	BOSS CT-90 Cutting & Tapping Fluid (Non Aerosol)
<b>Supplier of product:</b>	The BSS Group plc
<b>Registered Office:</b>	Fleet House, Lee Circle, Leicester, LE1 3QQ
<b>Telephone/Fax Numbers:</b>	0116 262 3232 / 0116 253 1343
<b>E-mail Address</b>	reception@bssgroup.com
<b>Web site Address</b>	www.bss-group.co.uk

## 2. HAZARD IDENTIFICATION

Not classed as hazardous

## 3. COMPOSITION/INFORMATION ON INGREDIENTS.

<b>Ingredients:</b>	<b>CAS No:</b>	<b>EINECS NR.:</b>	<b>CLASSIFICATION:</b>	<b>CONTENTS:</b>
Mineral Oil (refined)	64742-52-5	265-155-0	Not classified	100%

## 4. FIRST AID MEASURES

<b>Inhalation:</b>	N/A
<b>Ingestion:</b>	DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continue.
<b>Skin Contact:</b>	Skin contact does not require first aid.
<b>Eye Contact:</b>	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

# MATERIAL SAFETY DATA SHEET FOR BOSS CT-90 CUTTING & TAPPING FLUID

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Use powder, dry chemicals, sand and dolomite etc, water spray, for or mist
<b>Special Fire Fighting Procedures:</b>	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours
<b>Unusual fire and explosion hazards:</b>	None

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spill Clean-Up Methods</b>	Absorb with sand, dispose of with regard to local Regulations.
-------------------------------	--

## 7. HANDLING AND STORAGE:

<b>Usage Precautions:</b>	Avoid spilling, skin and eye contact
<b>Storage:</b>	Keep containers sealed and labeled correctly.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Name	CAS No	STD	LT EXP	ST EXP
			(8 hrs)	(15 min)
Mineral Oils (Refined)	64742-52-5	OES	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

### **Protective Equipment:**

If using this product in an industrial environment protective gloves and safety goggles are advised as good practice.

<b>Ventilation:</b>	No special ventilation required
<b>Protective Gloves:</b>	In an Industrial situation protective gloves are advised.
<b>Eye Protection:</b>	Wear appropriate chemical safety goggles where eye exposure is reasonably probably.
<b>Other Protection:</b>	Wear appropriate clothing to prevent any possibility of liquid contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Aerosol
<b>Colour:</b>	Light (or pale)
<b>Odour/Taste:</b>	Odourless or no characteristic odour
<b>Solubility Description:</b>	Insoluble in water
<b>Flammability:</b>	Not Applicable

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Normally stable
<b>Conditions to Avoid:</b>	Avoid heat, flames and other sources of ignition. Avoid contact with: strong oxidising agents, strong alkalis, strong mineral acids.
<b>Hazardous Decomposition Products:</b>	Smoke containing unburnt hydrocarbons/CO <sup>2</sup>

# MATERIAL SAFETY DATA SHEET FOR BOSS CT-90 CUTTING & TAPPING FLUID

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	N/A
<b>Ingestion:</b>	May cause discomfort if swallowed. May cause stomach pain or vomiting, gastrointestinal symptoms, including upset stomach.
<b>Skin:</b>	N/A
<b>Eyes:</b>	Irritating to eyes
<b>Route of entry:</b>	Skin and/or eye contact

## 12. ECOLOGICAL INFORMATION

Dangerous for the environment if discharges into watercourses.

## 13. DISPOSAL CONSIDERATIONS

Disposal Methods:	Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.
-------------------	--

## 14. TRANSPORT INFORMATION

Not dangerous for conveyance

## 15. REGULATORY INFORMATION

<b>Label for Supply:</b>	Not regulated for supply
<b>Risk Phrases:</b>	N/A
<b>Safety Phrases:</b>	N/A

<b>UK Regulatory References:</b>	The Control of Substances Hazardous to health Regulations 1988. Chemicals (Hazard Information & Packing) Regulations 1993
<b>Statutory Instruments:</b>	Control of Substances hazardous to Health. Chemicals (Hazard Information and Packing) Regulations
<b>Approved Code of Practice:</b>	Classification and Labeling of Substances and Preparations Dangerous for Supply
<b>Guidance Notes:</b>	Occupations Exposure Limited EH40 Introduction to Local Exhaust Ventilation HS(G)37 Chip for everyone HSG (108)

## 16. OTHER INFORMATION

### 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.