



**Section 1 - Chemical Product and Company Identification**

Product Name : LUBRITA FERRO MK 4000,SEMI SYNTHETIC CUTTING OIL  
 Chemical : Mixture(See section 2)  
 Chemical Family :Metal Working Fluid Based on Anionic Substances  
 Health Hazard :NON HAZARDOUS SUBSTANCE,NON DANGEROUS GOODS.  
 Made in Plant( In India) : C/O PCP Chemicals Private Limited  
 AT:A-171,Wagle Industrial Estate,Off Road no 10,Thane,Maharashtra,Pin code:400604,India.  
 EMERGENCY TELEPHONE NUMBERS : LUBRITA INDIA PVT LIMITED : + 91 - 22 - 42954438/+91 9711207351  
 Company Identification: Company owning Lubrita Trade mark and uses above mentioned manufacturer facility in India.

**LUBRITA INDIA PRIVATE LIMITED**

116, PLOT NO 2, 3 &4, COMMODITY EXCHANGE BUILDING

SECTOR 19, VASHI, NAVI MUMBAI

MAHARSHTRA, INDIA, PIN CODE: 400705  
 TELEPHONE: +91-9711207351/+91-22-27842176  
 Web site: www.lubrita.com



**Section 2 - Composition And Information On Hazardous Ingredients**

Chemical name	Chemicals	CAS. NO.	Percentage
	Dodecylbenzenesulfonic Acid Sodium Salt (hard type)	25155-30-0	< 5
	BIT	2634-33-5	< 0.5
	BDG	112-34-5	< 2
	Benzotriazol	95-14-7	< 0.3
	Boron compound	10043-35-3	< 8

**Section -3 Hazardous Identification**

Human Health Hazards:Irritation to eyes and skin is possible

Hazards Reactions:None, may cause sensitization by skin contact

**Section 4 – First Aid Measures**

Inhalation : Vaporization is not expected at ambient temperature. In case of over exposure move person to fresh air and seek medical attention.

Eye Contact :Immediately flush eyes with large amounts of water and continue flushing for 15 min. occasionally lifting the eyes lids. If pain or redness persists after flushing, obtain medical attention.

Skin Contact : Remove contaminated clothing.Wash contaminated area thoroughly with soap and water. If redness or irritation persists, seek medical attention.

Ingestion : Do not induce vomiting. Wash out the mouth with water & drink Plenty of water. Seek medical attention.



**Section 5 – Fire –Fighting Measures**

Extinguishing Media :Foam, inert gas, carbon dioxide, dry chemical, sand, water mist and spray

Hazardous decomposition / combustion products: Oxides of nitrogen, chloron and sulphur, carbon monoxide (CO), soot

Protective equipment :Do not breathe fumes, Wear full protective clothing, Wear independent breathing apparatus

Special Fire Fighting Procedures: Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if spread into containers of heat, burning liquid.

Other Information: Cool containers at risk using water spray. Do not allow contaminated water to enter drains or watercourses. Dispose of contaminated water and other fire-related remains in compliance with local regulations

**Section - 6- Accidental release Measures**

Personal precautions : Wear personal protective equipment, ensure adequate ventilation, avoid contact with eyes and skin.

Environmental precautions: Do not discharge into ground water/ surface water / Drains. Contain spillage.

Clean-up Methods : Absorb or contain liquid with sand, earth or spill control material. Shovel into a suitable, clearly marked container for disposal.

Other information :See point#7 for safe handling

**Section 7 – Handling and Storage.**

Handling : The usual precaution for handling chemical should be observed. Ensure good ventilation in the workplace.

Storage : Keep container tightly closed in cool, well ventilated place. Avoid from direct sunlight, heat source and strong oxidizing agents, acids.

Fire & Explosion prevent: No specific recommendations

**Section 8 – Exposure Controls / Personal Protection**

Respiratory :Respiratory protection to be used in case of insufficient ventilation and prolonged exposure to gases / vapours.

Eye : Safety goggles

Skin : Wear protective clothing.

Engineering Control :Work in an adequately ventilated room.

Other Hygienic and Work practices: Do not eat, drink or smoke during work time. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and after work. Change contaminated clothes immediately.

**Section 9 – Physical and Chemical Properties**

Appearance :Amber fluid

Odour :Almost odourless

Vapour pressure :Corresponding to vapour pressure of water

Sp. Gravity :1.02 – 1.06

pH :9.0 – 9.8 (5%)

Flash Point:Aqueous solution. No flash up to the boiling point.



<b>LUBRITA INDIA PVT.LTD</b>		<b>Material Safety Data Sheet(Page 3/4) FERRO MK 4000</b>	
<b>Section 10 – Stability and reactivity</b>			
Stability	:	Stable under ordinary conditions of use and storage.	
Polymerization	:	Polymerization will not occur. Chemical Incompatibilities	: Strong oxidizers.
Condition to Avoid	:	Source of ignition	
<b>Section 11 – Toxicological Information</b>			
Inhalation	:	No significant adverse health effects are expected to occur upon short-term exposure.	
Eye Contact	:	This product is practically non-irritating to the eyes upon direct contact.	
Skin Absorption	:	No significant adverse health effects are expected to occur upon short – term exposure.	
Skin Irritation	:	No irritation from short – term exposure.	
Ingestion	:	Do not ingest. Ingestion is relatively non-toxic unless aspiration occurs. No significant adverse health effects are expected to occur upon short term exposure.	
Chronic Hazard	:	Prolonged and/or repeated contact with the material may produce skin irritation and inflammation.	
Special Health Effects	:	Personnel with pre-existing skin disorders should avoid contact.	
<b>Section 12 – Ecological Information</b>			
Ecotoxicity	:	LC50 > 100 mg/l (96 h) Method : Evaluated according to GHS (Globally Harmonized System) criteria 900 mg/g	
Biotic Degradation	:	23 % Method : Standard methods 5220 Method : BOD5*100/COD	
<b>Section 13 – Disposal Considerations</b>			
Product	:	According to local regulation	
Water disposal methods	:	Corroded or contaminated packaging should be disposed of as product waste. Consider recycling. Do not allow to enter ground water, waterways or waste water. Based on the present state of our knowledge, this product is to be classified as non hazardous for the environment.	
<b>Section 14- Transport Information</b>			
Not dangerous for conveyance / not restricted			

**LUBRITA INDIA PVT.LTD****Material Safety Data Sheet(Page 4/4) FERRO MK 4000****Section 15- Regulatory Information**

R phrases

22 Harmful if swallowed.

36/38 Irritating to eyes and skin.

43 May cause sensitization by skin contact. All information is based on results gained from experience and tests and is believed to be accurate. We undertake no responsibility either for the results derived from their adoption or possible position in apparent contract.

**Section 16- Other Information****Hazard Rating**

0 = Least 1 = Slight 2 = Moderate

3 = High 4 = Extreme

Reactivity = 0

Revision Information : Date of preparation : 18th March 2021

**NFPA/ HMIS Classification**

Health = 1

Fire = 1

Rev:00

**Disclaimer :****The information contained herein is based upon data believed to be reliable and reflects our best professional judgment.****It is the responsibility of the user to determine the suitability of the material for their purpose.****No warranty is expressed or implied, is given.**