

MSDS

1.CHEMICAL PRODUCTS & IDENTIFICATION

Product / Material Name **SPPL MAXKOOL S-500**

General Use Water-soluble cutting/grinding oil, Brown Transparent liquid (mixture)

Identification of Hazard Irritable, Hazardous on environment

Manufacturer / Supplier SIDHE PETROCHEMICALS PRIVATE LIMITED R.S NO. 445, 446 Paiki 1, 446 Paiki 2, 448 & 449 Village Bhimasar, Taluka Anjar, District: Kutch Gujarat - 370240.
Tel : + 91-011-45371433

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Revision No. / Revision Date Revision No : 0 Revision Date :

2) COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME / COMPONENT CONTENTS (%)	CAS NO.	
1) Mineral Oil	8020-83-5/64742-53-6	80 ~ 82
2) Other Packages		18 ~ 20

(Biocides, Anticorrosion Package, EP Additive)

Note: The chemical identity of some or all of the above components is considered confidential business information.

3) HAZARDS IDENTIFICATION

Acute Effects KOSHA, NTP, OSHA, IARC do not list all the raw material using in this product as carcinogen. NFPA index: Health=1~2, Fire =1, Reactivity=0

Eye Contact Irritation

Skin Contact May cause skin distress, Irritation, allergy disorders such as dermatitis, oil acne, or folliculitis.

Inhalation May cause Irritation, cough, chest distress

Ingestion May cause Stomach irritation, Vomit, Diarrhea,

Chronic Effect Short-term: Not reported



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4) FIRST AID MEASURES

Eye Contact Flush the eye continuously for more 15 minutes with flooding clean water and consult an ophthalmologist immediately.

Skin Contact Quickly remove the contaminated clothing. Wash exposed area with soap and water.

Inhalation Remove exposed person to fresh air and administer 100% humidified supplemental oxygen with assisted ventilation as needed.

Ingestion Do not induce vomiting. Contact the Physician.

5) FIRE FIGHTING MEASURES

Flash Point (COC) No data available **Auto ignition Temperature** No data available

Min. Temperature of Ignition No data available **Max. Temperature of Ignition** No data available

Extinguishing Media CO2, extinguishing powder

Fire-Fighting Instructions & Fire-Fighting Equipment

As beginning the fire, use regular foam, dry chemical, carbon dioxide and water fog. For small fires, can be used water spray around the hazard area. For large fires, use water spray and regular foam.

Hazardous Combustion products

Carbon Monoxide, Carbon Dioxide and unidentified organic compounds.

Prohibited Extinguishing Media water

6) ACCIDENTIAL RELEASE MEASURES

Human-Body Protection Measures

Wear the protective clothing / equipments, and cleanup the spilled product when product is spilt.

Environmental Protection Measures

Remove the spilled product using non-combustible absorbent material. Prevent from spreading or entering drains, ditches or rivers using sand or other appropriate barriers.

Cleanup Remove as per applicable local regulations and prevent from extending by absorbent material and sand.



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7) HANDLING AND STORAGE

Handling Precautions Use in well ventilated place. Do not reach to children. Protect against skin and eye contact. Wear suitable protective clothing/equipment as needed. Keep away from heat and ignition sources

Storage Requirements Store in tightly closed container in a cool, well-ventilated area away from incompatibles. Close the container tightly after using.

8) EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls Store in the indoor if possible.

Close the cap after using in order to prevent from leakage.

Respiratory Protection Wear chemically protective mask in high concentration area but it is not required under normal conditions of use.

Eye Protection Wear chemically protective goggles or face shield if splashes are likely to occur.

Hand Protection Wear chemically protective gloves.

Body Protection Wear chemically protective boots and clothing.

Sanitary Precautions Protect skin using protective cream after cleaning the skin.

Permissible Concentration(TWA) In the product, mineral Oil 5mg/m³ in KOSHA.

9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance Yellow to Brown Transparent Liquid

pH (Conc.) 9.60 ± 0.5

Water solubility soluble

Specific Gravity (15/4°C) 0.885 ± 0.02

Viscosity (mm²/s, 40°C) 55±2

Appearance of 5% emulsion Milky White

10) STABILITY AND REACTIVITY

Chemical Stability Stable under normal pressure and temperature.



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Chemical Incompatibilities and Conditions to Avoid Oxidants, direct ray of light, water and any heat and ignition source

Hazardous Decomposition Products Carbon oxide and bad smell in severe case..

Hazardous Products at Reaction Carbon oxide, SOx, NOx when incomplete combustion.

11) TOXICOLOGICAL INFORMATION

Acute Oral effects No data available

Acute Inhalation effects Vomit, nausea, dizziness

Multiple Dose Toxicity Data No data available.

Carcinogen Not applicable (KOSHA, NTP, OSHA & IARC)

12) ECOLOGICAL INFORMATION

No data available.

13) DISPOSAL CONSIDERATION

Regulations Contact your supplier or a licensed contractor for detailed recommendations

Disposal Method Follow Applicable Federal, State and Local regulations.

Disposal Precautions Wear protective clothing / equipment. Empty container can be blow up under higher pressure. Empty container can be fired and ignited when heating, cutting and welding.

14) TRANSPORTATION AND LABELING

Regulations Contact your supplier or a licensed contractor for detailed recommendations

Precautions Keep away from heat and ignition source ,Tight the cap of the container to prevent contaminants

15) OTHER REGULATORY INFORMATION

No data available.

16) REFERENCES

References Raw material MSDS from Manufacturer/Supplier.

The Information of SIDHE PETROCHEMICALS P LTD.



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