

MSDS

Report No.: HLF19004852C

Date of report: 18 July 2019

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Technical Instructions for Chemical Safety

(MSDS)

Sample name: The JR3A ointment special used in HS-WEDM

Principal Unit: HONG KONG MYKEEN PRECISION HARDWARE CO., LIMITED

Model: /

Batch number: /

Production unit: Jiarun Wire Cutting Fluid Production Plant

address: Jiyang Street, Zhuji City

Zip Code: 311800

Authorized signature : _____

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Item 1: Configuration Name and Manufacturer Information

Configuration Name: WEDM Emulsifier (Water Soluble Coolant for WEDM)

Manufacturer: /

address: /

Contacts: Qu Wenqiang

Tel: 15820835608

Fax: /

mailbox: 793311097@qq.com

Item 2: Hazardous Information

Risk categories: /

Invasive Path: /

Health hazards: /

Environmental hazards: Correct use will not pollute the environment

Burning and detonation hazards: nothing

Item 3: Composition information

Configuration Name: WEDM Emulsifier (Water Soluble Coolant for WEDM)

Main Components: Potassium oleate (cas: 143-18-0) , Surfactant, Antirust Agent, Vegetable Oil, Inorganic Salt, Pure Water for Industry

Item 4: Emergency measures

Skin contact: Rinse the skin with clean water.

Eye contact: Open the eyelids immediately, rinse with flowing water or saline until the abnormal sensation is eliminated. If serious, consult a doctor immediately.

Inhalation: Immediately move from the exposed area to the fresh air. If breathing is difficult, seek advice from your doctor immediately.

Mistake food: If a small amount of mistake food, immediately drink enough water dilution or vomiting, serious cases immediately seek medical treatment.

Item 5: Fire control measures

Flammability: Open fire does not burn, there is no explosive danger.

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Item 6: Emergency response to leakage

Emergency treatment: immediately collect the leaked paste in a clean container and recycle it. Wash the remaining small amount of water and ensure that it does not violate local waste treatment regulations.

Item 7: Operation and storage

Operating Notes: Workplace should pay attention to ventilation, light loading and unloading during handling, to prevent packaging bottles from deformation and damage caused by extrusion.

Hand protection: Avoid prolonged immersion in diluted coolant and rinse with clean water after contact.

Other protections: Food is strictly forbidden in the workplace.

Storage considerations: Stored in a ventilated warehouse, strictly exposed to the sun.

Item 8: Contact control and personal protection measures

Skin contact: Normal use conditions are not necessary.

Clothing: Normal use conditions are not necessary.

respiratory system protection: Normal use conditions are not necessary.

Eye protection: Normal use conditions are not necessary.

Item 9: Physicochemical properties

Appearance: Cream or brown paste.

Emulsifying capacity: The emulsifier was mixed with water and evenly fractionated.

Antirust ability: Rustless spot (20°C±2 °C, HT300Cast iron specimens, Monolithic 48 hours) 。

boiling point: /

melting point: /

flash point: /

Water solubility: /

Distribution coefficient (n-octanol/water):

viscosity: /

PH: 9~11

Main uses: After dilution, it can be used as cooling fluid for WEDM.

Solubility: The WEDM emulsifier and tap water were diluted at the ratio of 1:40-50.

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Item 10: Stability and reactivity

stability: It is stable under normal storage and operation conditions.

Prohibited Compounds: /

Conditions for avoiding contact: Avoid exposure to the sun and long-term storage at 0 C temperature.

Polymerization hazard: /

Decomposition products: /

Item 11: toxicological information

toxicity: The product is non-toxic substance with stable chemical properties. It was tested as "actual non-toxic" product by Health Analysis and Testing Center of Nanjing Medical University (Report No. bg-07NYQT-WT010).

Prohibition of subacute and chronic toxicity:

Thrill: /

carcinogenicity: /

Item 12: Ecology Information

Ecotoxicity: Correct use conditions will not cause harm to the environment.

Biodegradability: /

Non-biodegradability: /

Biotoxicity or bioaccumulation: /

Other harmful effects: /

Item 13: disposal

The waste liquid after use is recommended to be discharged into the sewage treatment system.

Item 14: Transport Information

Dangerous Goods Number:

UN Number:

Packaging Mark:

Packaging method: Plastic bottles are packed in a carton with a net weight of 2 kilograms per bottle.

Transportation matters needing attention: When handling, pay attention to the orientation of cartons, so as to avoid the inversion of plastic bottles and prevent the falling, damage and crushing of packages. It can be transported by road, railway, sea and air cargo.

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Item 15: Regulation Information

Regulation Information:

A: Special Dangerous Nature: None

B: Safety instructions: Avoid contact with eye areas

Implementation criteria: Q/ZJRX001-2004

《Contents and Project Sequence of Chemical Safety Technical Instructions》 (GB/T 16483-2008)

Item 16: Other information

Reference: China Chemical Products Daquan. Beijing: Chemical Industry Publishing House. 1994

*****End of MSDS*****