

# **MATERIAL SAFETY DATA SHEET**

## **1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

Chemical Product Name : ASADA THREADING OIL "COOL"

Name of Manufacturer : ASADA CORPORATION

Name of Section : Overseas Sales Department

Address : 3-60 Kamiida Nishi-machi, Kita-ku, Nagoya Japan

Telephone Number : 81-52-914-1062

FAX Number : 81-52-914-1411

## **2. COMPOSITION / INFORMATION INGREDIENTS**

Substance / Mixture : Mixture

Generic Name : Cutting Oil

Ingredients and Composition : Base oil ;  $\geq 90$  mass%

Additive ;  $\leq 10$  mass%

CAS Registry Number : Registered

UN Class : Not Applicable

UN Number : Not Applicable

## **3. HAZARDS IDENTIFICATION**

Class Name of Hazardous Chemical for SDS in Japan : Flammable liquids

Physical and Chemical Hazards : Flammable liquids

Adverse Human Health Hazards : There is not the useful information.

Environmental Effects : There is not the useful information.

## **4. FIRST-AID MEASURES**

Eye Contact : Gently rinse the affected eyes with clean water for at least 15 minutes.

Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

Skin Contact : Remove all contaminated clothing, shoes and socks from the affected areas as quickly as possible, cutting them off if necessary. Wash the affected area under tepid running water using a mild soap.

Inhalation : Remove the victim from the contamination immediately to fresh air.

Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

Ingestion : Do not induce vomiting.

Do not give an unconscious person anything to drink.

Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

## **5. FIRE - FIGHTING MEASURES**

Specific Hazards with Regard to Fire-Fighting Measures :

Evacuate personnel to safe area.

Firefighters should wear proper protective equipment.

Keep personnel removed from and upwind of fire.

Extinguishing Media :

Dry chemical powder, carbon dioxide or dry sand should be used for small fires.

## **6. ACCIDENTAL RELEASE MEASURES**

Evacuate non essential personnel.

Wear proper protective equipment.

Eliminate all sources of ignition and ventilate the area.

Absorb spill with inert material(dry sand or earth),then place in a chemical waste container with covers for disposal, using no sparking tools.

## **7. HANDLING AND STORAGE**

Handling : Evacuate non essential personnel.

Use only in the well-ventilated areas.

Keep container tightly closed.

Protect against physical damage.

Avoid contact with skin or eyes.

Storage : Store in a cool, dry, well-ventilated location.

Keep away from heat, steam pipe or sunlight.

Separate from oxidizing material.

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

Control Parameters : ACGIH(2004) TWA 5mg/m<sup>3</sup>(mist)

Engineering Measures : Do not use in areas without adequate ventilation.

Make available emergency shower and eye wash in the work area.

Personal Protective Equipment

Respiratory Protection : Industrial Canister gas masks

Eye Protection : Goggles

Hand, Skin and Body Protection : Impervious clothing, Chemical-resistant gloves, apron and impervious boots

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearances : Transparent liquid

Density : 0.8794 g/cm<sup>3</sup> (15 °C)

Boiling Point : > 200 °C

Pour Point : - 12.0 °C

Solubility in Water : Insoluble

## 10. PHYSICAL HAZARD ( STABILITY AND REACTIVITY )

Flash Point : 216 °C (PM)

Auto Ignition Temperature : Nothing

Upper Explosion Limit : 7%

Lower Explosion Limit : 1%

Flammability : Flammable liquids

Spontaneous Combustibility : Nothing

Oxidizibility : Nothing

Self-Reactivity : Nothing

## 11. TOXICOLOGICAL INFORMATION

Corrosive and Irritant Properties(Skin Effects) : Repeated or prolonged contact may cause skin sensitization.

Allergenic and Sensitizing Effects : Not available

Acute Toxicity : Not Classified

Sub-Chronic Toxicity : There is not the useful information.

Chronic Toxicity : There is not the useful information.

Carcinogenic Effects : There is not the useful information.

Mutagenic Effects : There is not the useful information.

Effects on The Reproductive System : There is not the useful information.

Teratogenic Effects : There is not the useful information.

## 12. ECOLOGICAL INFORMATION

Biodegradability : There is not the useful information.

Bioaccumulation : There is not the useful information.

Fish Toxicity : There is not the useful information.

### **13.DISPOSAL CONSIDERATION**

Burn in chemical incinerator equipped with an afterburners and scrubber but exert extra care in igniting as this material is highly flammable.

Do not dump into sewers, on the ground or into any body of water.

### **14.TRANSPORT INFORMATION**

Keep away from source of ignition.Follow all regulations in your country.

### **15.REGULATORY INFORMATION**

Regulatory information with regard to this substance in your country or in your region should be examined by your own responsibility.

### **16.OTHER INFORMATION**

References

1. Thresholds limit values for chemical substances and physical agents and biological exposure indices ACGIH(2004)

2. IARC monographs on the evaluation of the carcinogenic risk of chemicals to humans Vol 33

3. Existing Chemicals Based on the CSCL Japan. Hand·book No.4 Edited by KAGAKU KOGYONIPPOSYA.

4. Material Safety Data Sheet guidebook.

Edited by Japan Chemical Industry Association Information