

NEOS

MATERIAL SAFETY DATA SHEET

SECTION 1. COMPANY IDENTIFICATION

COMPANY IDENTIFICATION

MANUFACTURER'S NAME: NEOS Co., Ltd.

ADDRESS: 6-2-1 Kano-cho Chuo-Ku Kobe, JAPAN

EMERGENCY TELEPHONE NUMBER:

(0748)75-3161(CENTRAL RESEARCH LABORATORY)

(078)331-9381(Kobe, JAPAN)

TELEPHONE NUMBER FOR INFORMATION:

(078)331-9381(Kobe, JAPAN)

DATA PREPARED: Apr. 17, 2003

PRODUCT NAME : NEOS FINECUT 2500SN

PRODUCT CLASSIFICATION: Water soluble metal working fluid

SECTION 2. COMPOSITION

SINGLE OR MIXTURE: Mixture

HAZARDOUS COMPONENT (S)/(CAS No.): No hazardous materials present

SECTION 3. HAZARDS IDENTIFICATION

HAZARDS CLASSIFICATION: None(based on IMO)

FIRE AND EXPLOSION: No flammable and explosive hazard

POTENTIAL HEALTH EFFECT:

SKIN Contact: May cause slight skin irritation.

EYES Contact: May cause eyes irritation.

INGESTION: No information is available.

SECTION 4. FIRST AID MEASURES

SKIN Contact ; Remove product from skin with dry cloth or towel, and wash exposed area with detergent.

EYES Contact ; Immediately flush with water for at least 15 minutes.
Call a physician.

INHALATION; If inhaled remove to fresh air. Call a physician.

INGESTION ; Wash out mouth with water provided person is conscious.
Never give anything by mouth to an unconscious person.
Call a physician immediately.

SECTION 5. FIRE FIGHTING MEASURE

FLASH POINT(method used): None

FLAMMABLE LIMITS: Not applicable

EXTINGUISHING MEDIA: Every extinguishing media

SPECIAL FIRE FIGHTING PROCEDURE: Not required

UNUSUAL FIRE AND EXPLOSION: None

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Contain the spill or leak

Scrape up with rag and place in container

SECTION 7. HANDLING AND STORAGE

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:

Keep container closed when not in use.

Store in a cool place.

Avoid contact with eyes and skin

Keep out of reach of children.

-----Information about the emptied container-----

Do not re-use this container.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINE: ACGIH TLV-TWA: Not established

OSHA PEL: Not established

RESPIRATORY PROTECTION(specify type): Not required

VENTILATION:

LOCAL EXHAUST: Not required

MECHANICAL(general): Not required

SPECIAL: Not required

OTHER: Not required

PROTECTION GLOVES: Plastic film or rubber gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash equipment

WORK / HYGIENIC PRACTICES: Wash hands after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 100 degrees C [Water]

VAPOR PRESSURE: 24mmHg (25 degrees C) [Water]

VAPOR DENSITY(air=1): Not applicable

SPECIFIC GRAVITY: 1.06(15 degrees C)

EVAPORATION RATE: <1 (Butyl Acetate=1)

SOLUBILITY IN WATER: Soluble

APPEARANCE(color): Blue liquid

ODOR: Amine odor

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITION TO AVOID: None

INCOMPATIBILITY (material to avoid): Do not add sodium nitrite to this product.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: None

HAZARDOUS POLYMERIZATION: None

CONDITION TO AVOID: None

SECTION 11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION: No information is available.

EYE IRRITATION: No information is available.

ACUTE TOXICITY (LD50): No information is available.

ACUTE TOXICITY (LD50): No information is available.

CHRONIC TOXICITY: No information is available.

CARCINOGENICITY:

NTP: Not listed, IARC: Not listed, OSHA REGULATED: Not listed

OTHER INFORMATION: None

SECTION 12. ECOLOGICAL INFORMATION

BIODEGRADATION: No information is available.

BIOACCUMULATION: No information is available.

AQUATIC TOXICITY: No information is available.

OTHER INFORMATION: No information is available.

SECTION 13. DISPOSAL CONSIDERATIONS

Do not dispose the emptied container unlawfully.

Observe all federal, state, and local laws

SECTION 14. TRANSPORT INFORMATION

UN No.: None

IMO CLASSIFICATION AND CLASS: None

PACKING GROUP: None

PROPER SHIPPING NAME: None

TECHNICAL SHIPPING NAME: None

MARINE POLLUTANT: None

SECTION 15. OTHER INFORMATION

For Industrial Use Only

This materials safety data sheet is offered solely for your information, consideration and investigation. The data described in this MSDS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product. NEOS Co., Ltd. provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

COOLANT SUPPLIED WITH ATRAS.

Nobuo Hosoya "細谷 修央"

2003/04/17 17:29

宛先 : "Dean Joseph" <djoseph@nitto-australia.com.au>
cc : "dan roberts" <drobot@nitto-australia.com.au>, "Y Fukumoto" <yfukumoto@nitto-australia.com.au>
件名 : Material Safety Data Sheet

Mr. Dean Joseph

Please see the copies which we sent you by fax today.

Regards
N. Hosoya

This is a "Workplace Health & Safety" requirement which is becoming very strict in some companies. The information may be required in the case of workers being injured or poisoned while coming in contact with the coolant.
Can you please help with this information
Kind Regards
Dean Joseph
NKA

----- Original Message -----
From: dan roberts
To: Dean Joseph
Sent: Monday, April 14, 2003 1:09 AM
Subject: data sheet

Dean

We sold some Atras to an end user last week and I have had a complaint that whilst one of the guys in the workshop is using our unit, he feels sick because of the lubricant.

The boss of the company has asked if we can supply a "Material Safety Data Sheet" on the cutting fluid.

I have advised that we only supply this lubricant as an accessory with the unit and we do not sell it but they still want me to go through the appropriate channels and ask the question from head office. If you do not know, could you please e-mail Japan and follow it right through.

I know this sounds ridiculous, but I am just responding to the end users request - I do not wish to upset them.

Please advise asap.

Dan.

FX
CC: DAN
22/4/03