



# MATERIAL SAFETY DATA SHEET

## UPS F. 1000 Copper Anti Seize Compound

Manufactures by : WESTERS INDUSTRIES, PT  
Jl. Industri Selatan 10 Blok EE No. 11B Jababeka  
industrial District **Cikarang – Indonesia**  
Emergency call : [6221-89841382](tel:6221-89841382)  
Website : [www.westers-ind.com](http://www.westers-ind.com)  
Email : [info@westers-ind.com](mailto:info@westers-ind.com)

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### 1. PRODUCT AND COMPANY

Product Identifier: UPS F.1000 COPPER ANTI SEIZE COMPOUND  
Part Number(s): F.1000  
Product Use: Copper Anti Seize Compound  
Manufacturer: UPS Chemicals Products  
Supplier: UPS Laboratories, Inc  
Emergency Telephone Number: 1-800-234-8246

### 2. COMPOSITION Manufactures by : UPS Laboratories, Inc. USA 1996,UPS® is a registered

COMPOSITION	CAS-NO	EC-NO	% CONC.	CH	CF	CE	R-phrases	NOTE
Mineral Oil	8042-47-5		50%-75%					
Copper Flake	7440-50-8		2.5-10%					
Pure Lead Paste	7439-92-1		2.5-10%					
Micronised Talc	14807-96-6		2.5-10%					
Bentonite Clay	-		2.5-10%					
Proprietary Adhesion; Anti Corrosion Additive -			1.0-2.5%					

EXPLANATION: CF/CH/CE=Classification fire/-health/-environment, Tx=Very Toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritating, IK=No classification required, E=Explosive, O=Oxidizing, Fx=Extremely flammable, F=Highly flammable, N=Danger for environment, M=Genotoxic, A=Sensitisation, K=Carcinogen, R=Causes birth defects.

COMPOSITION COMMENTS: Microsize particles of PURE LEAD and COPPER in a non-melt adhesive grease base with inhibitors.

### 3. HAZARDS IDENTIFICATION

INFORMATION: Harmful if swallowed or if in prolonged contact with the skin.

### 4. FIRST AID MEASURES

INHALATION: N/A  
SKIN CONTACT: Wash thoroughly with soap and water.  
EYE CONTACT: Irrigate thoroughly with copious quantities of water.  
INGESTION: DO NOT INDUCE VOMITING. Seek medical attention showing this sheet.

### 5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISH MEDIA: Foam, dry Powder, Co2  
FIRE AND EXPLOSION HAZARDS: Not classified as flammable but is inherently combustible.  
Product of Combustion: Carbon, oxides of carbon

### 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Spilt product presents a significant slip hazard. Avoid exposure of this product to sources of ignition  
ENVIRONMENTAL PRECAUTIONS: Prevent entry into drains, sewers and water courses.  
CLEANING MEASURES: Scrape or shovel up and transfer to suitable containers.  
Clean affected area.

### 7. HANDLING AND STORAGE

HANDLING: Keep containers tightly closed.  
Store drums undercover in racking protected from mechanical impact. If stored outside, ingress of water should be avoided e.g. by placing drums on their side.



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

EXPOSURE CONTROL: Avoid skin and eye contact. Wear suitable protective clothing, gloves, eye/face protection. Change contaminated clothing and thoroughly clean after use.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM:	Copper Coloured Paste	ODOUR:	Oily
COLOUR:		SOLUBILITY:	Insoluble in water
MELTING/FREEZING POINT:	Non-Melt	BOILING POINT:	N/A
DENSITY:	1.35 at 20°C	FLASH POINT:	>200°C
EXPLOSION LIMITS LEL-UEL %:	N/A	PH (CONCENTRATE.):	
SOLUBILITY IN WATER:		MOL MASS:	N/A
VAPOUR PRESSURE:		VISCOSITY:	
SATURATION CONC.:		AUTO IGNITION TEMP:	
DECOMPOSITION TEMP.:		SMELL LIMIT:	
PH (SOLUTION):		REL.VAPOUR DENSITY (AIR=1):	

## **10. STABILITY AND REACTIVITY**

STABILITY: Stable  
REACTIVITY: Conditions to Avoid: Avoid high storage temperatures and source of ignition. Materials to Avoid: Strong oxidising agents.  
HAZARDOUS DECOMPOSITION PRODUCTS: Irritant fumes. DO NOT breathe products of combustion.

## **11. TOXICOLOGICAL INFORMATION**

### **GENERAL:**

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.  
Estimated oral LD 50 rat > 2g/Kg:

### **HEALTH EFFECTS.**

Lead causes saturnism  
Symptoms range from abdominal pain to anaemia and active encephalopathy.

## **12. ECOLOGICAL INFORMATION**

### **MORE INFORMATION:**

Biodegradability: No applicable test.  
Chemical Oxygen Demand (mgO<sub>2</sub>/l): n.d.  
Due to its physical form this product has low mobility in the environment.

## **13. DISPOSAL**

### **DECONTAMINATION/DISPOSAL:**

Place used and contaminated materials/packaging in suitable containers.  
Dispose of the controlled waste in accordance with Duty of Care regulations

(Environmental Protection Act 1990 - Section 34 (7) using a licensed waste disposal company.)



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## 14. TRANSPORT INFORMATION

### **ADR(Road)**

UN NO: N/A CLASS: N/A  
LABEL: DANG. GOODS:  
PACKING GROUP: HAZ. ID NO:

### **RID(Railway)**

UN NO: N/A CLASS: N/A  
HAZ. ID NO: DANG. GOODS:  
PACKING GROUP:

### **IMDG(SEA)**

UN NO: N/A CLASS: N/A  
LABEL: DANG. GOODS:  
EMS: PACKING GROUP: N/A  
MARINE POLL: NO SUB.RISK:

### **IATA(Airplane)**

UN NO: N/A CLASS: N/A  
LABEL: DANG. GOODS:  
SUB.RISK: PACKING GROUP: N/A  
PROPER SHIPPING NAME: N/A

MORE INFORMATION: Classification for transport: NOT CLASSIFIED

## 15. REGULATORY INFORMATION

### R-PHRASES:

R22 Harmful if swallowed.  
R33 Danger of cumulative effects.

### S-PHRASES:

S1/2 Keep locked up and out of reach of children.  
S13 Keep away from food, drink and animal feeding stuffs.  
S20/21 When using do not eat, drink or smoke.

### REFERENCES:

Chemicals (Hazard Information and Packaging ) Regulations 1993.



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## **16. OTHER INFORMATION**

Replace date:: 00.06.2000

### **MORE INFORMATION:**

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

APPROVED CODES OF PRACTICE : Waste Management. The Duty of Care.

### **GUIDANCE NOTES:**

Occupational skin diseases: Health & Safety precaution (EH 26)  
Occupational exposure limited (EH40)  
The Carcinogenicity on mineral oils (EK 58)  
Skin cancer caused by oils [MS (B) 5]  
Save your skin! - Occupational Contact Dermatitis [ MS (B) 6]  
Dermatitis - cautionary notice [ SHW 367]  
Effects of mineral oil on the skin [ SHW 397]