



# PRODUCT DATA

## METAL LUBRICANTS CO.

### METALUB RP-4107A

METALUB RP-4107A is a steel mill type of slushing or coating oil for steel or galvanized sheets and coils. It is normally applied by spray or roller coating so that it will evenly coat the metal surface.

METALUB RP-4107A provides excellent indoor and high humidity protection when used as received. It is easily cleaned by alkaline products or solvents.

#### Typical properties:

Viscosity @ 100F., SUS	88
Flash point, F., COC	290
Appearance	clear amber
Indoor storage	3+ months
Humidity cabinet	100+ hours

#### Benefits of using METALUB RP-4107A:

- \* Economical
- \* Excellent protection
- \* Even and smooth coating
- \* Easily cleaned

## DIVISIONS

Chicago, IL 333-8900	Florida Pompano Beach, FL 305-782-9300	Northeast East Haven, CT. 203-469-2336	Southern St. Louis, MO 314-997-4200	Cleveland Cleveland, OH 216-663-6600	Southeast Spartanburg, SC 803-574-9300	Montgomery Detroit, MI 313-891-3700	Grafo Colloids Emlenton, PA 412-867-5000	Indiana Indianapolis, IN 708-333-8900	Rockford Rockford, IL 708-333-8900	Texas Arlington, TX 817-640-0200
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## SECTION I

PRODUCT NAME OR NUMBER(as it appears on label) : DATE: 10-9-91  
 METALUB RP-4107-A  
 MANUFACTURERS NAME : EMERG. TEL. NO.  
 Metal Lubricants Co. : (708) 333-8900  
 ADDRESS(Number,Street,City,State and Zip Code) : MFG.'s DUNS NO.  
 17050 Lathrop Ave., Harvey, IL 60426-6089 :  
 DOT HAZ. MATERIAL DESCRIPTION, PROPER SHIP. NAME, HAZ. CLASS & ID NO.  
 None  
 ADDITIONAL HAZARD CLASSES(as applicable)  
 OSHA hazardous; SARA 311, 312; SARA 313 (barium compounds < 2%)  
 CHEMICAL FAMILY  
 Mixture

SECTION II - INGREDIENTS  
(list all ingredients)

CAS #	%W: %V	CHEMICAL NAME	LISTED AS A: CARCINOGEN?	TLV*
64742-52-5:	:80-90:	hydrotreated naphthenic oil	NO	:5 mg/m3(1) (as mist)
68425-34-3:	:0.1-5:	oxidized petrolatum, Ca salt	NO	: NE
61790-48-5:	:0.1-2:	barium sulfonate	NO	: NE
68608-26-4:	:0.1-5:	sodium petroleum sulfonate	NO	: NE
64741-44-2:	: 7-12:	petroleum distillate	NO	:5 mg/m3(1) (as mist)

\* (1): OSHA TWA; (2) OSHA STEL; (3) OSHA CEILING; (4) ACGIH

## SECTION III - PHYSICAL DATA

BOILING POINT : SPECIFIC GRAVITY(H2O = 1) 0.89  
 ND F ----- C :  
 VAPOR PRESSURE: @ : PERCENT VOLATILE BY : PERCENT SOLID BY  
 68 F - C < 0.1 mm Hg : VOLUME (%) < 1 : WEIGHT (%) > 99  
 VAPOR DENSITY (AIR=1) : EVAPORATION RATE( =1):  
 ND : ND :  
 SOLUBILITY IN WATER : pH = ND :  
 insoluble  
 APPEARANCE AND ODOR: dark brown liquid, petroleum odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: method used: : FLAMMABLE LIMITS: LEL : UEL :  
 300 F min. ---- C COC : : ND : ND :  
 EXTINGUISHING MEDIA:  
 Foam, dry chemical, carbon dioxide  
 SPECIAL FIRE FIGHTING PROCEDURES:  
 Wear self contained breathing apparatus in confined areas.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS:  
 None

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE-

May cause eye irritation and redness. Prolonged or repeated exposure to the skin may cause loss of natural oils accompanied by dryness, cracking and dermatitis. Overexposure to mist may cause upper respiratory tract irritation and difficulty breathing. Ingestion may cause stomach discomfort, nausea and diarrhea.

HMIS RATING: 1 H; 1 F; 0 R; X PP

EMERGENCY AND FIRST AID PROCEDURES:

EYES: flush with clean water for at least 15 min. If irritation persists, contact a physician.

SKIN: wash thoroughly with water for at least 15 min., if irritation persists contact a physician.

INHALATION: remove victim to fresh air, if symptoms persist, contact a physician.

INGESTION: do not induce vomiting, give two glasses of water and contact a physician.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE \_\_\_\_\_ STABLE x : CONDITIONS TO AVOID: NA

INCOMPATIBILITY(materials to avoid):

Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon and sulfur as well as incompletely burned hydrocarbons as fumes and smoke.

HAZARDOUS POLYMERIZATION: MAY OCCUR \_\_\_\_\_ WILL NOT OCCUR x : CONDITIONS TO AVOID: NA

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Small spills: soak up with absorbent materials.

Large spills: dike & pump into drums for proper disposal.

WASTE DISPOSAL METHOD:

Dispose of in accordance with local, state and federal regulations.

CERCLA(Superfund)REPORTABLE QUANTITY(in lbs): NA

RCRA HAZARDOUS WASTE NO.(40 CFR 261.33): NA

VOLATILE ORGANIC COMPOUND(VOC)(as packaged,minus water):

x Theoretical 0 lb/gal \_\_\_\_\_ Analytical \_\_\_\_\_ lb/gal

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION(specify type):

Approved MSHA/NIOSH respirator when TLV is exceeded.

VENTILATION:

General mechanical ventilation should be sufficient.

PROTECTIVE GLOVES(Specify Type)

:EYE PROTECTION(Specify Type)

Oil and chemical impervious

:Chemical safety glasses

OTHER PROTECTIVE EQUIPMENT:

None

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SECTION IX- SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store away from intense heat, sparks or flame. Empty drums may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums. Do not store in direct sunlight.

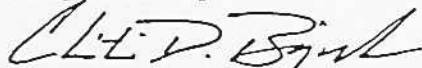
OTHER PRECAUTIONS:

None known.

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Prepared by:



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Health, Safety and Environmental Coordinator

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