

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET JUN 1985

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

| | | |
|---|---------------------|---|
| MANUFACTURER'S NAME RICCA CHEMICAL COMPANY | | EMERGENCY TELEPHONE NO. 817/461-5601 |
| ADDRESS (Number, Street, City, State, and ZIP Code) 448 West Fork Drive, Arlington, Texas 76012 | | |
| CHEMICAL NAME AND SYNONYMS Fehlings Alkaline Solution | | TRADE NAME AND SYNONYMS RCC Cat. No. 3000 |
| CHEMICAL FAMILY - | FORMULA - | |

SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS | % | TLV (Units) | ALLOYS AND METALLIC COATINGS | % | TLV (Units) |
|---|---|-------------|--|-----------|---------------|
| PIGMENTS | | NA | BASE METAL | | NA |
| CATALYST | | | ALLOYS | | |
| VEHICLE | | | METALLIC COATINGS | | |
| SOLVENTS | | | FILLER METAL PLUS COATING OR CORE FLUX | | |
| ADDITIVES | | | OTHERS | | |
| OTHERS | | ↓ | | | ↓ |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | | | | % | TLV (Units) |
| Sodium Hydroxide (w/v) | | | | 10 | 2 mg/M |
| | | | | | |
| | | | | | |
| | | | | | |

SECTION III - PHYSICAL DATA

| | | | | | |
|---|---------|-----------------|---------------------------------------|---------|-------------|
| BOILING POINT (°F.) | Approx. | 215 | SPECIFIC GRAVITY (H ₂ O=1) | Approx. | 1.25 |
| VAPOR PRESSURE (mm Hg.) | | - | PERCENT VOLATILE BY VOLUME (%) | Approx. | 85 |
| VAPOR DENSITY (AIR=1) | | - | EVAPORATION RATE (Water =1) | | 1 |
| SOLUBILITY IN WATER | | Infinite | | | |
| APPEARANCE AND ODOR Colorless, odorless solution | | | | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | | | |
|------------------------------------|----------|------------------|----------|-----|-----|
| FLASH POINT (Method used) | - | FLAMMABLE LIMITS | - | Lel | Uel |
| EXTINGUISHING MEDIA | - | | | | |
| SPECIAL FIRE FIGHTING PROCEDURES | - | | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | - | | | | |

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 2 mg/M^3

EFFECTS OF OVEREXPOSURE

Can cause serious injury despite medical treatment

EMERGENCY AND FIRST AID PROCEDURES

Irrigate affected area. Get medical help. Ingestion: dilute with water or milk

do not induce vomiting. Get medical help.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Normally

STABLE

X

Reacts with water.

INCOMPATIBILITY (Materials to avoid)

Acids, Flammable Liquids, Organic hallogens, Metals

HAZARDOUS DECOMPOSITION PRODUCTS

—

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Neutralize (6M-HCl) and mop up-or use water vac. Discharge to sewer with large excess of water.

WASTE DISPOSAL METHOD

Pour into large tank of water and neutralize. Transfer to sewer with large excess of water.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

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VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Large face shield

OTHER PROTECTIVE EQUIPMENT

Laboratory Coat

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store at room temperature

OTHER PRECAUTIONS

D.O.T.: "Alkaline Liquid, n.o.s." Corrosive Material.

NA1719, Corrosive Label