

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

Form Approved  
OMB No. 64-01347

# MATERIAL SAFETY DATA SHEET

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

## SECTION I

MANUFACTURER'S NAME <b>Stephens Scientific Division, Cornwell Corporation</b>		EMERGENCY TELEPHONE NO. <b>201/697-0500</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>Chamberlain Road, Oak Ridge, NJ 07438</b>		
CHEMICAL NAME AND SYNONYMS <b>Microscope Immersion Oil</b>		TRADE NAME AND SYNONYMS <b>RESOLVETH - Microscope Immersion Oil</b>
CHEMICAL FAMILY <b>Hydrocarbon</b>		FORMULA <b>Car. Nos. M6005 -H, -L, 16L, 2H, 2L, 32H, 32L, 4H, 4L, 64H, 64L M3004/M3000/M5004/M5000/M7004/M7000/M6004/M6000/M4000/M4004 M7004/M7000</b>

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	0		BASE METAL	0	
CATALYST	0		ALLOYS	0	
VEHICLE	0		METALLIC COATINGS	0	
SOLVENTS	0		FILLER METAL PLUS COATING OR CORE FLUX	0	
ADDITIVES	0		OTHERS	0	
OTHERS					

  

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Contains NO PCB's		

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H <sub>2</sub> O=1) @23°C	.926
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Clear, Slight Yellow Color, Odorless		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) <b>395°F Closed Cup</b>	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA <b>Dry, CO<sub>2</sub>, Haplon</b>			
SPECIAL FIRE FIGHTING PROCEDURES <b>On burning, this product can release toxic fumes and vapors. Firefighters should wear self-contained breathing apparatus and full protective clothing.</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>None</b>			

## SECTION V - HEALTH HAZARD DATA

### THRESHOLD LIMIT VALUE

We believe this product to be practically non-toxic.

### EFFECTS OF OVEREXPOSURE

Estimated physiological effects: Oral LD<sub>50</sub> > 10g/kg; Dermal LD<sub>50</sub> > 2g/kg; Eye irritation (FHSA) 0.3 on a scale of 1 to 10; Skin irritation (FHSA) 0.1 on a scale of 8.

### EMERGENCY AND FIRST AID PROCEDURES

If eyes come in contact, rinse with generous amounts of water. If ingested, induce vomiting.

## SECTION VI - REACTIVITY DATA

### STABILITY

UNSTABLE

### CONDITIONS TO AVOID

STABLE

X

### INCOMPATIBILITY (Materials to avoid)

### 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

Remove any sources of ignition. Absorb with any medium suitable for oil. Wash area with detergent and water.

### WASTE DISPOSAL METHOD

Disposal should be in compliance with local, state and federal regulations. Usually can be incinerated.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION (Specify type)

Unnecessary

### VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

### PROTECTIVE GLOVES

### EYE PROTECTION

### OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from extreme heat or open flame.

### OTHER PRECAUTIONS