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**FISHER SCIENTIFIC, CHEMICAL DIV.**

**METHYL RED**

**SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS Name: METHYL RED  
 Manufacturer Name: FISHER SCIENTIFIC, CHEMICAL DIV.  
 Address:  
     1 REAGENT LANE Box: N/K  
     City: FAIR LAWN  
     State: NJ  
     Zip: 07410-2803  
     Country: US  
 Business Phone: 201-796-7100 OR 201-796-7523  
 For information in North America, call: 201-796-7100 OR 201-796-7523  
 Health Phone: 201-796-7100/800-424-9300(CHEMTREC)  
 Manufacturer MSDS Creation Date:  
     10/05/1990

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**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Percent	
BENZOIC ACID, 2-((4-DIMETHYLAMINO)PHENYLAZO)-; "METHYL RED"	493-52-7	100	

RTECS:  
     DG8960000  
 OSHA PEL TWA: UNKNOWN  
 ACGIH TLV TWA: UNKNOWN  
 ACGIH STEL/Ceiling: N/P  
 Comments:  
     Other REC Limits: NONE SPECIFIED ; Ozone Depleting Chemical: N ;

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**SECTION 3 : HAZARDS IDENTIFICATION**

**BENZOIC ACID, 2-((4-DIMETHYLAMINO)PHENYLAZO)-; "METHYL RED":**

Route of Exposure:  
     Inhalation: YES Skin: YES Ingestion: NO  
 Potential Health Effects:  
     INHALATION: MAY BE IRRITATION TO MUCOUS MEMBRANES. SKIN: MAY BE IRRITATING. EYES: MAY CAUSE SLIGHT IRRITATION.  
 Carcinogenicity:  
     NOT APPLICABLE  
 OSHA Designation: NO  
 NTP Designation: NO  
 IARC Designation: NO  
 Signs/Symptoms:

SEE HEALTH HAZARDS

Aggravation of Pre-Existing Conditions:  
NONE SPECIFIED BY MANUFACTURER.

LD 50 LC 50 Mixture  
UNKNOWN

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#### **SECTION 4 : FIRST AID MEASURES**

##### First Aid

INHALATION: REMOVE FROM EXPOSURE AREA TO FRESH AIR IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. WASH AFFECTED AREA WITH SOAP AND WATER FOR APPROXIMATELY 15-20 MINUTES. EYES : WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER OR NORMAL SALINE OCCASIONALLY LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION. INGESTION: TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

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#### **SECTION 5 : FIRE FIGHTING MEASURES**

Flash Point:

N/A

Flash Point Method:

N/P

Upper Flammable or Explosive Limit: NKL/A

Lower Flammable or Explosive Limit: N/A

Auto Ignition Temperature: N/A

Extinguishing Media:

DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULAR FOAM.

Fire Fighting Instructions:

NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. AVOID BREATHING VAPORS OR DUSTS. KEEP UPWIND.

Unusual Fire Hazards:

NONE

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#### **SECTION 6 : ACCIDENTAL RELEASE MEASURES**

Leak Response:

NO SPECIAL PRECAUTIONS INDICATED.

Other Precautions:

NONE

Neutralizing Agent

NONE

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#### **SECTION 7 : HANDLING and STORAGE**

Handling:

NONE SPECIFIED BY MANUFACTURER.

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### **SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION**

Ventilation System:

PROVIDE GENERAL DILUTION VENTILATION.

Hand Protection Description:

NOT REQUIRED, BUT RECOMMENDED.

Eye/Face Protection:

SPLASH-PROOF OR DUST-RESISTANT

Respiratory Protection:

DUST MASK, IF NECESSARY.

Other Protective:

NONE

Other:

NONE

Work Hygienic Practices

WASH HANDS AFTER HANDLING THIS MATERIAL.

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### **SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

Physical State/Appearance:

SHINY VIOLET CRYSTALS.

pH:

N/A

Decomposition Temperature:

N/K

Vapor Pressure:

N/A

Vapor Density:

N/A

Boiling Point:

N/A

Melting Point:

358F,181C

Solubility In Water:

SLIGHTLY SOLUBLE

Specific Gravity:

N/K

Evaporation Point:

N/A

Percent Volatile:

N/K

Viscosity:

N/P

Other:

Corrosion Rate: N/K

HCC

N1

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### **SECTION 10 : STABILITY AND REACTIVITY**

Chemical Stability:

YES

Conditions to Avoid:

HIGH TEMPERATURES.

Incompatibilities with Other Materials:

NONE KNOWN

Hazardous Polymerization:

NO

Hazardous Decomposition Products:

TOXIC OXIDES OF NITROGEN.

Conditions To Avoid Polymerization

NOT APPLICABLE

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### **SECTION 11 : TOXICOLOGICAL INFORMATION**

Toxicological Paragraph:

N/P

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### **SECTION 12 : ECOLOGICAL INFORMATION**

Ecological Paragraph:

N/P

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### **SECTION 13 : DISPOSAL CONSIDERATIONS**

Waste Disposal:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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### **SECTION 14 : TRANSPORT INFORMATION**

Transportation Information:

N/P

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### **SECTION 15 : REGULATORY INFORMATION**

**BENZOIC ACID, 2-((4-DIMETHYLAMINO)PHENYLAZO)-; "METHYL RED":**

SARA:

N/P

US Federal:

N/P

State:

N/P

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### **SECTION 16 : ADDITIONAL INFORMATION**

MSDS Author:

N/P

Disclaimer:

Please note that although the information, opinions and recommendations contained in these Material Safety Data Sheets are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information. Newly discovered hazards are frequent and this information may not be completely up to date.

Other Information

N/P

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