

# MATERIAL SAFETY DATA SHEET

IDENTITY: P-48

## SECTION I

MANUFACTURED BY: FLORATINE PRODUCTS GROUP/355 E. SOUTH STREET/COLLIERVILLE, TN 38017  
FOR INFORMATION PHONE: (901) 853-2898; FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE  
OR ACCIDENT CALL CHEMTREC (Day or Night) WITHIN THE U.S. OR CANADA PHONE: 1-800-424-9300  
OUTSIDE THE U.S. OR CANADA PHONE: +1 703-527-3887 (collect calls accepted)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

NO HAZARDOUS COMPONENTS OSHA PEL N/A--ACGIH TLV N/A--OTHER LIMITS RECOMMENDED  
N/A

POTASIAM NITRATE\* AMMONIUM PHOSPHATE\*UREA\*COPPER SULFATE\*FERROUS SULFATE\*  
MANGANESE SULFATE\*ZINC SULFATE\*SODIUM BORATE\*SODIUM MOLYBDENUM

## SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT N/A APPEARANCE & ODOR NO ODOR, BLUE-GREEN CRYSTALS

SPECIFIC GRAVITY: H<sub>2</sub>O=1 N/A MELTINGPOINT NA

EVAPORATIONRATE N/A VAPOR PRESSURE N/A

SOLUBILITY IN WATER 100% @ 68° VAPOR DENSITY AIR = 1 N/A

## SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT: N/A FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A

EXTINGUISHER MEDIA:USE METHOD APPROPRIATE FOR ADJACENT AREA

UNUSUAL FIRE AND EXPLOSION HAZARDS - NONE SPECIAL FIRE FIGHTING PROCEDURES: NONE

## SECTION V - REACTIVITY DATA

STABILITY : STABLE CONDITIONS TO AVOID: NONE

INCOMPATIBILITY: (MATERIALS TO AVOID): NONE HAZARDOUS DECOMPOSITION OR BYPRODUCTS:  
N/A

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR CONDITIONS TO AVOID: NONE

## SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY: INHALATION: NO INGESTION: YES SKIN: YES

HEALTH EFFECTS: MAY BE MILDLY IRRITATING TO SKIN. UNDILUTED MATERIAL WILL BE IRRITATING  
ON DIRECT EYE CONTACT

SIGNS & SYMPTOMS OF EXPOSURE: NONE KNOWN.

CARCINOGENICITY: NTP? N/A IARC MONOGRAPHS? N/A OSHA REGULATED? N/A

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE

EMERGENCY & FIRST AID PROCEDURES: WASH SKIN WITH SOAP & WATER. CLOTHING SHOULD BE  
THOROUGHLY WASHED BEFORE RE-USE. FLUSH EYES WITH WATER. SEEK MEDICAL ATTENTION IF  
IRRITATION PERSISTS.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:CONFINE LIQUID. IF  
UNCONTAMINATED, MATERIAL MAY BE RE-PACKAGED & USED. USE ABSORBENT MATERIAL TO SOAK  
UP, THEN PUT IN DRUMS. DISPOSE OF IN ACCORDENCE TO LOCAL REGULATIONS

WASTE DISPOSAL METHOD: DISPOSE OF IN AN APPROVED DISPOSAL FACILITY IN ACCORDANCE WITH  
ALL LOCAL, STATE & FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:HANDLE ACCORDING TO GOOD  
INDUSTRIAL SAFETY PRACTICES. MINIMIZE PERSONAL CONTACT

## SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: N/A

VENTILATION: LOCAL EXHAUST: YES SPECIAL: NONE OTHER: NONE

MECHANICAL: GENERAL ROOM VENTILATION EYE PROTECTION: SAFETY GOGGLES

PROTECTIVE GLOVES: YES OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

WORK/HYGENIC PRACTICES: WASH WITH SOAP & WATER BEFORE EATING, SMOKING AND/OR  
DRINKING