

# MATERIAL SAFETY DATA SHEET

## IDENTITY DEFENSE-MAN

### 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/V--OTHER LIMITS RECOMMENDED  
N/A  
MANGANESE SULFATE                      MAGNESIUM SULFATE                      CITRIC ACID      MALIC ACID

### SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT 212°                      SPECIFIC GRAVITY: N/A                      MELTINGPOINT NA  
APPEARANCE & ODOR WHITE PRODUCT BASE WITH DARK POWDER, BLACK COFFEE APPEARANCE  
WHEN MIXED WITH WATER; NO ODOR  
EVAPORATIONRATE NON VOLATILE VAPOR PRESSURE GREATER THAN 1.0 @ 100°  
SOLUBILITY IN WATER COMPLETELY @ 68 0 VAPOR DENSITY AIR = 1 N/A

### SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT: NON FLAMMABLE FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A  
EXTINGUISHER MEDIA:N/A UNUSUAL FIRE AND EXPLOSION HAZARDS - NONE  
SPECIAL FIRE FIGHTING PROCEDURES: AS WITH MATERIALS IN ADJACENT AREAS

### 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: YES                      INGESTION: YES                      SKIN: YES  
HEALTH EFFECTS: MAY BE MILDLY IRRITATING TO SKIN. UNDILUTED MATERIAL WIL BE  
IRRITATING ON DIRECT EYE CONTACT. DO NOT BREATHE DUST.  
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: DISPOSE OF ACCORDING 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: USE PROPER PPE  
VENTILATION: LOCAL EXHAUST: N/A SPECIAL: NONE OTHER: NONE  
MECHANICAL: GENERAL ROOM VENTILATION EYE PROTECTION: SAFETY GOGGLES  
PROTECTIVE GLOVES: YES OTHER PROTECTIVE CLOTHING OR EQUIPMENT: SHOWER &  
WASHING FACILITIES  
WORK/HYGENIC PRACTICES: WASH WITH SOAP & WATER BEFORE EATING, SMOKING AND/OR  
DRINKING.