

# MATERIAL SAFETY DATA SHEET

## IDENTITY KNIFE PLUS

### SECTION I

MANUFACTURED BY: FLORATINE PRODUCTS GROUP/144 MID SOUTH COVE/COLLIERVILLE, TN  
INFORMATION PHONE (901) 853-2898 EMERGENCY PHONE (800) 424-9300

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

UREA FERROUS SULFATE MANGANESE SULFATE ZINC SULFATE

### SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT 220-230° F APPEARANCE: DARK GREEN LIQUID  
SPECIFIC GRAVITY: H<sub>2</sub>O=1 1.348 AT 68° F MELTING POINT N/A  
EVAPORATIONRATE NON VOLATILE SOLUBILITY IN WATER COMPLETE  
VAPOR PRESSURE GREATER THAN 1.0 @ 100° VAPOR DENSITY AIR = 1 N/A  
ODOR SLIGHT AMONIA & FERROUS ODOR

### SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT: N/A FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A  
EXTINGUISHER MEDIA: NON FLAMABLE SPECIAL FIRE FIGHTING PROCEDURES: N/A  
UNUSUAL FIRE AND EXPLOSION HAZARDS – NONE

### SECTION V - REACTIVITY DATA

STABILITY : STABLE CONDITIONS TO AVOID: NONE  
INCOMPATIBLITY: (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: NO SKIN: YES EYE CONTACT: NO  
HEALTH EFFECTS: CONTACT WITH EYES OR SKIN MAY CAUSE IRRITATION. IF INGESTED SMALL  
AMOUNT MAY CAUSE NAUSEA, DIARRHEA OR STOMACH DISCOMFORT.  
SIGNS & SYMPTOMS OF EXPOSURE: NONE KNOWN.  
CARCINOGENICITY: N/A NTP? N/A IARC MONOGRAPHS? N/A OSHA REGULATED? N/A  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE  
EMERGENCY & FIRST AID PROCEDURES: INGESTION: DRINK 1 OR 2 GLASSES OF WATER AND  
SEEK MEDICAL ATTENTION  
EYE CONTACT: FLUSH THOROUGHLY WITH WATER FOR 10 TO 15 MINUTES.  
SKIN: IF PROLONG CONTACT OCCURS, RINSE THOROUGHLY WITH WATER.

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: PREVENT LARGE  
QUANTITIES FROM ENTERING WATERWAYS OR SEWERS  
WASTE DISPOSAL METHOD: IF UNCONTAMINATED, RECOVER AND REUSE. IF CONTAMINATED  
SPREAD ON CROPLAND IN A DILUTED FORM FOR CROP UTILIZATION.  
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP FROM FREEZING

### SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: N/A  
VENTILATION: LOCAL EXHAUST: YES SPECIAL: NONE OTHER: NONE  
MECHANICAL: YES EYE PROTECTION: GOGGLES RECOMMENDED  
PROTECTIVE GLOVES: NO OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE  
WORK/HYGENIC PRACTICES: GENERALLY ACCEPTED INDUSTRIAL PRACTICES