

MATERIAL SAFETY DATA SHEET

IDENTITY: GROFAX 33

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/V--OTHER LIMITS RECOMMENDED
N/A

LIQUID HYDROLYSATE

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT 212° SPECIFIC GRAVITY: 1.098 @ 68°F
APPEARANCE: AMBER LIQUID ODOR:
MELTING POINT: N/A EVAPORATION RATE: Less than 1
VAPOR DENSITY AIR = N/A SOLUBILITY IN WATER YES
VAPOR PRESSURE: 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: NON-FLAMMABLE
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE SPECIAL FIRE FIGHTING PROCEDURES:NONE

SECTION V - REACTIVITY DATA

STABILITY : STABLE CONDITIONS TO AVOID: PROTEINS WILL PRECIPITATE UNDER ACID
CONDITIONS. SHELF LIFE IS EXCELLENT AT 8+ pH
INCOMPATIBILITY: (MATERIALS TO AVOID): NONE HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
HAZARDOUS POLYMERIZATION : WILL NOT OCCUR CONDITIONS TO AVOID: NONE

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY: INHALATION: NO INGESTION: YES SKIN: NO
HEALTH EFFECTS: CONTACT WITH EYES OR SKIN MAY CAUSE IRRITATION. IF INGESTED, SMALL
AMOUNTS MAY CAUSE NASEA, DIARRHEA OR STOMACH DISCOMFORT.
SIGNS & SYMPTOMS OF EXPOSURE: N/A
CARCINOGENICITY: N/A NTP? N/A IARC MONOGRAPHS? N/A OSHA REGULATED? N/A
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN
EMERGENCY & FIRST AID PROCEDURES: FLUSH EYES OR AREA 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
EYE PROTECTION: SAFETY GOGGLES PROTECTIVE GLOVES: RUBBER OR PLASTIC COATED
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A
WORK/HYGENIC PRACTICES: GENERALLY ACCEPTED INDUSTRIAL PRACTICES