

Material Safety Data Sheet
CHEM FLO BIO 3

ChemMARK

5606 7TH AVE. S
SEATTLE, WA 98108
(206) 768-9888

DATE PREPARED: MAR 12, 2002

REVISED DATE: NOV 12, 2003

24 HOUR EMERGENCY PHONE NUMBER:
CHEMTREC: 800-424-9300

SECTION I - IDENTIFICATION

PRODUCT NAME: CHEM FLO BIO 3
CHEMICAL FAMILY: PH NEUTRAL MATERIAL
FORMULA: N/A
CAS NUMBER: N/A

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	ACGIH/TLV	STEL/PEL
Contains no hazardous ingredients	N/A	N/A	N/A	N/A

SECTION III - PHYSICAL DATA

APPEARANCE: Mostly clear liquid with pleasant odor.
BOILING POINT: 212° F.
VAPOR PRESSURE: NOT EST.
VAPOR DENSITY (AIR=1): NOT EST.
SPECIFIC GRAVITY: 1.0
pH: 7.0 – 9.0 AS IS
SOLUBILITY IN WATER: Completely soluble in water.

SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: > 200° F.
LOWER EXPLOSIVE LIMIT:... N/A
UPPER EXPLOSIVE LIMIT:.... N/A
EXTINGUISHING MEDIA: Use extinguishing media appropriate to primary cause of fire.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid contact with fire fighting personnel as burns may result from contact with skin. When fighting a fire near or involving this product, wear a self-contained breathing apparatus (SCBA).
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

SECTION V - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.

Material Safety Data Sheet

CHEM FLO BIO 3

INCOMPATIBILITY: Acids and oxidizing materials.

HAZARDOUS

DECOMPOSITION: Carbon monoxide and carbon dioxide upon thermal decomposition.

HAZARDOUS

POLYMERIZATION: Will not occur.

SECTION VI - HEALTH DATA

THRESHOLD LIMIT VALUE:.. N/A

OSHA PEL:..... Since this product is a mixture, there is no defined PEL(s) established by OSHA. Hazardous components are listed in the Hazardous Ingredients Section of this data sheet.

LISTED CARCINOGEN:..... This product does not contain any components listed by NTP, IARC, or OSHA as carcinogens at the OSHA reportable levels.

MEDICAL CONDITION AGGRAVATED:.....Existing skin and/or respiratory disorders may be aggravated by exposure.

EYES: May cause severe eye irritation with possible permanent eye damage and impairment of vision.

SKIN (DERMAL):..... Prolonged and/or repeated exposure to full strength product may cause skin irritation.

INGESTION: Harmful if swallowed. Single dose oral LD50 has not been determined.

INHALATION:..... Vapors and mist may cause respiratory tract irritation.

CHRONIC OVEREXPOSURE:.. None known

SECTION VII FIRST AID

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

SKIN (DERMAL):..... Immediately flush skin with plenty of water until no product residue remains. Wash contaminated clothing before reuse.

INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. (If available, give several glasses of milk.) If vomiting occurs spontaneously, keep airway clear and give more water. GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION:..... Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen as directed by medical personnel.

SECTION VIII EMPLOYEE PROTECTION

EYE PROTECTION:..... Chemical safety goggles. Contact lenses should not be worn when working with any chemicals.

RESPIRATORY PROTECTION: Respiratory protection should be worn if levels exceed defined PEL(s) for this product or any hazardous component listed in the Hazardous Ingredient Section of this DATA SHEET.

PROTECTIVE CLOTHING:..... Rubber gloves, coveralls and protective footwear.

VENTILATION:..... Local exhaust sufficient to maintain TLV below permissible exposure limits.

**Material Safety Data Sheet
CHEM FLO BIO 3**

SECTION IX - SPILL AND DISPOSAL DATA

SPILL: Appropriate protective clothing must be worn by trained clean-up personnel. Dilute with large quantities of water and dispose in waste water treatment facilities. Check with local authorities first. Spilled product may be slippery when mixed with water. Take proper precaution during clean-up procedure.

WASTE DISPOSAL:..... Consult all LOCAL, STATE, and FEDERAL regulations with regard to proper and suitable disposal methods.

SECTION X - TRANSPORTATION DATA

HAZARD CLASS AND LABEL: NON HAZARDOUS
PROPER SHIPPING NAME: N/A
UN NUMBER: N/A
PACKAGING GROUP:..... N/A
REPORTABLE QUANTITY: N/A

SECTION XI - OTHER REGULATORY INFORMATION

TSCA STATUS:..... All components in this product are listed on the TSCA inventory.
SARA SECTION 313: This product **does not** contain any EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR 372).

C A S #	CHEMICAL NAME	PERCENT BY WEIGHT

.....
NFPA HEALTH: 2
NFPA FLAMMABILITY:..... 0
NFPA REACTIVITY:..... 0
NFPA OTHER:..... N/A

SECTION XII - PRECAUTIONARY LABEL STATEMENTS

WARNING:..... **MILDLY ALKALINE MATERIAL.** May cause eye and/or skin irritation. Permanent eye damage with impairment of vision may occur. Harmful if swallowed.

HANDLING: Store away from acids, oxidizing compounds and other incompatible materials. Keep containers tightly closed when not in use. **KEEP OUT OF REACH OF CHILDREN.**

SECTION XIII - ADDITIONAL INFORMATION

FOOTNOTES:..... NOT EST. = Not established, N/A = Not applicable
REFERENCES: The information contained herein has been compiled from sources believed to be reliable and accurate to the best of our knowledge at this date. It is provided without warranty, expressed or implied, as to the results of use of this

Material Safety Data Sheet

CHEM FLO BIO 3

information or to the product to which it relates. ChemMARK assumes no responsibility for injury to any person or property resulting from any use of the material if reasonable safety procedures are not adhered to. Each user assumes the risk in their use of this product and should review the data and recommendations in the specific context of their intended use.