

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted
for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Bonide Fish Emulsion

Date: July 17, 2007

Section I

Bonide Products, Inc.	(800) 424-9300
6301 Sutliff Road	(315) 736-8231
Oriskany, NY 13424	

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH	TLV	Other Limits	% (Optional)
Total Nitrogen					2
.5% Water Insoluble Nitrogen					
1.5% Water Soluble Nitrogen					
Available Phosphoric Acid (P ₂ O ₅)					4
Soluble Potash (K ₂ O)					0.5
Active Ingredients: North Atlantic Fish					

Section III - Physical/Chemical Characteristics

BOILING POINT (Water): 212°F	SPECIFIC GRAVITY (H ₂ O = 1): Approx. 1.10
VAPOR PRESSURE (mm Hg): NA	MELTING POINT: NA
VAPOR DENSITY (Air = 1): NA	EVAPORATION RATE (Butyl Acetate = 1): 1
SOLUBILITY IN WATER: Infinite	APPEARANCE AND ODOR: Brown liquid, "Fishy" odor

Section IV - Fire/Explosion Hazard Data

FLASH POINT: N/A FLAMMABILITY: N/A
 FIRE FIGHTING COMMENTS: This material is non-combustible. Use media adequate for surrounding fire.
 UNUSUAL FIRE/EXPLOSION HAZARD: None

Section V - Reactivity Data

STABILITY: Stable INCOMPATIBILITY (Materials to Avoid): Not Known
 HAZARDOUS POLYMERIZATION: Will not occur.
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal Decomposition: Possibly some ammonia, carbon monoxide & phosphorus.

Section VI - Health Hazards

SIGNS AND SYMPTOMS OF EXPOSURE: Mild irritation with repeated contact.
 INHALATION: Only slightly irritating.
 MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None
 EMERGENCY AND FIRST AID PROCEDURES: SKIN AND EYES: Flush with copious amounts of water.
 INHALATION: Remove to fresh air (outdoors). INGESTION: Do not induce vomiting. Drink plenty of water for Dilution. Get medical attention if illness persists.

Section VII – Handling Information

HANDLING PRECAUTIONS: Always practice good hygiene when working with any chemical. Keep away from children and pets. Store in cool, dry area away from feed, food sources and water sources.
 RESPIRATORY PROTECTION (Specify Type): None needed with adequate ventilation.
 PROTECTIVE GLOVES: Latex, butyl or neoprene.
 EYE PROTECTION: Avoid eye contact or wear safety glasses.
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not needed when handled in a safe manner.

Section VIII - Spill or Leak Procedures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-

SMALL SPILLS: Flush down sewer with plenty of water.

LARGE SPILLS: Contain spill with absorbent, dispose in sanitary landfill or consult local authorities.

WASTE DISPOSAL METHOD: As above.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry place.

OTHER PRECAUTIONS: Handle in accordance with good industrial hygiene and safety practices.

KEEP OUT OF REACH OF CHILDREN**ABBREVIATION KEY**

N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT

D.O.T.: DEPARTMENT OF TRANSPORTATION

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