

Richard's Organics First defense premise treatment	HMIS HAZARD RATINGS			
	HEALTH 0	0= INSIGNIFICANT	3= HIGH	
	FLAMMABILITY 3	1= SLIGHT	4= EXTREME	
	REACTIVITY 1	2= MODERATE		
TRANSPORTATION INFORMATION				
PROPER SHIPPING NAME: NOT REGULATED HAZARD CLASS/DIVISION :NON HAZARDOUS IDENTIFICATION NUMBER :NONE				
IDENTITY (AS USED ON LABEL AND LIST): First defense premise treatment				
SECTION 1				
MANUFACTURER NAME: SYNERGYLABS 3333 SE 14 TH AVENUE FORT LAUDERDALE, FL 33316	EMERGENCY TELEPHONE # 954-525-1133 TELEPHONE # FOR INFORMATION:954-525-1133 DATE PREPARED: 04/12/2009			
SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION				
HAZARDOUS COMPONENTS	CAS#	TLV	PEL	APPROX. WT
Boric Acid	10043-35-3	n/a	n/a	100%
SECTION III-PHYSICAL/ CHEMICAL CHARACTERISTICS				
BOILING POINT :Decomposes VAPOR PRESSURE : Neg. @ 20C (68oF) VAPOR DENSITY : NOT DETERMINED SOLUBILITY IN WATER :4.7% @ 20oC/68oF APPEARANCE AND ODOR : White powder	SPECIFIC GRAVITY :1.43 MELTING POINT : 169oC (336oF) EVAPORATION RATE : NOT DETERMINED VOLATILE BY WT : 21C (70F): 0 pH=6.1 Aqueous solution: (0.1% solution)			
SECTION IV-FIRE AND EXPLOSION HAZARD DATE				
FLAMMABILITY: NOT FLAMMABLE	FLAMMABLE LIMITS: LEL: N/A UEL : N/A			
Not considered to be a fire hazard. (29 CFR 1910.1200). EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire SPECIAL INFORMATION: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode				
SECTION V-REACTIVITY DATA				
CHEMICAL STABILITY :Stable under ordinary conditions of use and storage. If moisture is present, boric acid can be corrosive to iron. CONDITION TO AVOID : No information found INCOMPATIBILITY: NONE HAZARDOUS DECOMPOSITION PRODUCTS: NON HAZARDOUS POLYMERIZATION: DOES NOT OCCUR.				

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SECTION VI-HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? NO SKIN? NO INGESTION? NO EYES? NO

EFFECTS OF OVEREXPOSURE, SKIN CONTACT OR ABSORPTION:

SKIN: Not significantly absorbed through the intact skin. Readily absorbed

through damaged or burned skin. Symptoms of skin absorption parallel inhalation and ingestion.

INGESTION: Small amounts (<teaspoon) are not likely to cause adverse effects. Larger amounts may cause gastrointestinal symptoms.

EYES: Used an an eye antiseptic. May cause irritation, redness, and pain if exposed to extremely high amounts.

INHALATION: Occasional mild irritation to nose or throat may occur if exposed to high levels of dust (>10mg/m³).

CARCINOGENICITY: NO NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

EMERGENCY AND FIRST AID PROCEDURES:

EYES CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation

INHALATION: Measures Inhalation: Remove to fresh air if subject is experiencing nose or throat irritation.

INGESTION: Boric acid has low acute toxicity. Observation for healthy adults is required only for ingestion of 4-8 grams. For larger amounts ingested, maintain adequate kidney function and force fluids.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

WASTE DISPOSAL METHOD:

IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

OSHA Permissible Exposure Limit (PEL): 15 mg/m³ total dust, 5 mg/m³ respirable fraction for nuisance dusts.

ACGIH Threshold Limit Value (TLV): 10 mg/m³ total dust containing no asbestos and < 1% crystalline silica for Particulates Not Otherwise Classified (PNOC).

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators (NIOSH Approved): If the exposure limit is exceeded and engineering controls are not feasible, a half face-piece particulate respirator (NIOSH type N95 or better filters) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest.. A full-face piece particulate respirator (NIOSH type N100 filters) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. If oil particles (e.g. lubricants, cutting fluids, glycerin, etc.) are present, use a NIOSH type R or P filter.

EYES: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

SKIN: Gloves and lab coat, apron or coveralls

SECTION IX - Regulatory Information

US EPA RCRA: not listed as hazardous waste (40 CFR 261)

CERCLA/SARA: not listed

SDWA: not listed

CWA 33 USC 1251: boric acid itself is not itself a discharge covered by any water quality criteria...

IARC: not listed as a carcinogen

Cal. Prop. 65: not listed as carcinogen or reproductive toxin

SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DRY, INDOOR STORAGE.

SPECIAL PRECAUTIONARY STATEMENTS: NONE

PREPARED BY: IRINA SAVELYEVA DATE PREPARED: 04/12/2009 TITLE: STAFF CHEMIST

NOTICE: We believe that the information contained in this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. they are not necessarily all inclusive nor fully adequate in every circumstance. Also the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty expressed or implied of merchantability fitness or otherwise is made.