



Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	WLN4700 <i>Zinc Buddy</i>	MANUFACTURER:	White Labs, Inc.
SYNONYMS:	Zinc Sulfate Heptahydrate solution.		9495 Candida Street San Diego, CA 92126 USA 1.858.693.3441
PRODUCT CODES:	See product catalog for a complete list.		
PRODUCT USE:	Brewing		

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT:	Zinc Sulfate Heptahydrate (CAS Number: 7446-20-0), Zinc Sulfate (CAS Number: 7733-02-0)
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SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:	Acute oral toxicity (Category 4) Serious eye damage/Eye irritation (Category 1) Specific target organ toxicity – repeated exposure (Category 2) Target organs – Heart, Blood	
Signal Word:	Danger	
Hazard Statement(s):	Harmful if swallowed. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure.	
Precautionary Statement(s):	PREVENTION – Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. RESPONSE – Get medical attention/advice if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Dispose of contents/container to an approved waste disposal plant.	
Appearance:	Physical State:	Odor:
Translucent white liquid	Liquid	Odorless

POTENTIAL HEALTH EFFECTS

Principle Route or Exposure:	Not applicable
Acute Effects:	
EYES:	This product may cause serious eye damage.
SKIN:	This product may cause irritation.
INGESTION:	Harmful if swallowed.
INHALATION:	Not applicable

CHRONIC HEALTH HAZARDS: Not applicable

CARCINOGENICITY: There are no known carcinogenic chemicals of this product.
OSHA: Not listed ACGIH: Not listed NTP: Not listed IARC: Not listed OTHER: N/A

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SECTION 4: FIRST AID MEASURES

EYES:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
SKIN:	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
INGESTION:	Do not induce vomiting. Call a physician or Poison Control Center immediately.
INHALATION:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.

SECTION 5: FIRE-FIGHTING MEASURES

Substance is nonflammable. Use agent most appropriate to extinguish surrounding fire. No information available on unsuitable extinguishing media.

Keep product and empty container away from heat and sources of ignition. Containers may explode when heated. Thermal decomposition can lead to release of irritating gases and vapors. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Use personal protective equipment. Ensure adequate ventilation.

Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate the groundwater system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes, clothing.

Keep containers tightly closed in a cool, dry, well-ventilated location.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation:	Ensure adequate ventilation.	Skin Protection:	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection:	Use approved respirator if irritation or other symptoms are experienced.	Work hygienic practices:	Not applicable
Eye protection:	Wear appropriate eyeglasses or chemical safety goggles.		

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Translucent white liquid
Odor:	Odorless
Physical State:	Suspended in liquid
pH:	3.1 – 4.6
Boiling point:	No information available
Melting/Freezing Point:	No information available
Vapor Pressure (mmHg):	No information available
Vapor Density (Air = 1):	No information available
Specific Gravity (H ₂ O = 1):	No information available
Evaporation Rate:	No information available
Solubility in Water:	Soluble
Autoignition:	No information available
Explosion Limits:	No information available

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID (STABILITY):	Avoid excess heat. Incompatible products.
INCOMPATIBILITY (MATERIAL TO AVOID):	Strong bases.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Sulfur oxides.
HAZARDOUS POLYMERIZATION:	Does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Product Information

LD50 Oral:	No information available
LD50 Dermal:	No information available
LD50 Inhalation:	No information available

Chronic Effect

Carcinogenicity	There are no known carcinogenic chemicals in this product
Subchronic Toxicity:	No information available
Corrosivity:	No information available
Neurological Effects:	No information available
Reproductive Effects:	Experiments have shown reproductive toxicity effects on laboratory animals.
Teratogenicity:	No information available
Irritation:	No information available
Sensitization:	No information available
Mutagenic Effects:	No information available
Developmental Effects:	No information available
Target Organ Effects:	Heart, Blood.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Persistence / Degradability:	Soluble in water. Persistence is unlikely based on information available.
Bioaccumulation / Accumulation:	No data available.

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Mobility: Will likely be mobile in the environment due to its water solubility.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: DOT Not regulated

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT):	Not applicable
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):	Not applicable
311/312 HAZARD CATEGORIES:	Acute health hazard – Yes Chronic health hazard - Yes
313 REPORTABLE INGREDIENTS:	Not applicable

STATE REGULATIONS: Proposition 65 chemicals are not expected to be found in this product

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: White Labs, Inc.
03/29/2024 rev 00

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White Labs, Inc 9495 Candida St. San Diego, CA 92126 | 858.693.3441 | info@whitelabs.com | whitelabs.com