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NFPA	HIMS	Personal Protective Equipment
		 See Section 15

Section 1 – Chemical Product and Company Identification

Common Name/Trade Name	**Brewer's Yeast**
Synonyms:	Yeasts, brewery yeasts
Chemical Family	Saccharomyces Cerevisiae
CAS No.	8013-01-02
Manufacturer	PE "Slavutych tara", UKRANE, 03083, Kyiv Pyrohivskyi Shlyakh St, 34
Supplier	PE "Slavutych tara", UKRANE, 03083, Kyiv Pyrohivskyi Shlyakh St, 34
Contact Email:	info@slt-zp.com

Section 2 – Composition and information on Ingredients

Ingredients:	100% Dry brewery yeasts (Saccharomyces cerevisiae)

Section 3 – Hazards Identification

Potential Acute Health Effects	Slightly hazardous in case of eye contact (irritant), of ingestion, of inhalation. Non-irritant for skin.
Potential Chronic Health Effects	**CARCINOGENIC EFFECTS**: Not available. **MUTAGENIC EFFECTS**: Not available. **TERATOGENIC EFFECTS**: Not available. **DEVELOPMENTAL TOXICITY**: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

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Section 4 – First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.
Skin Contact	Wash with soap and water. Get medical attention if irritation develops. Cold water may be used.
Serious Skin Contact	Not available.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation	Not available.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Serious Ingestion	Not available.

Section 5 – Fire and Explosion Data

Flammability of the Product	May be combustible at high temperature
Auto-Ignition Temperature	Not available
Flash Points	Not available
Flammable Limits	Not available
Products of Combustion	Not available
Fire Hazards in Presence of Various Substances	Slightly flammable to flammable in presence of heat
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available Risks of explosion of the product in presence of static discharge: Not available
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder LARGE FIRE: Use water spray, fog or foam. Do not use water jet
Special Remarks on Fire Hazards	As with most organic solids, fire is possible at elevated temperatures
Special Remarks on Explosion Hazards	Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

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Section 6 – Accidental Release Measures

Small Spill

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7 – Handling and Storage

Precautions

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection

Safety glasses. Lab coat. Dust respirator. Use a dust respirator if ventilation is inadequate and/or handling of material generates visible dust clouds. Be sure to use an approved/certified respirator or equivalent. Gloves (impervious).

Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. uggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits

Not available.

Section 9 – Physical and Chemical Properties

Physical state and appearance Odor Solid. (Powdered solid)

Taste Not available

Color Beige powder

Oror Characteristic

Molecular Weight	Not available
pH (1% soln/water)	Not available
Boiling Point	Not available
Melting Point	Not available
Critical Temperature	Not available
Specific Gravity	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Volatility	Not available
Odor Threshold	Not available
Water/Oil Dist. Coeff.	Not available
Ionicity (in Water)	Not available
Dispersion Properties	See solubility in water
Solubility	Easily soluble in cold water

Section 10 – Stability and Reactivity Data

Stability	The product is stable
Instability Temperature	Not available
Conditions of Instability	Excess heat, incompatible materials, dust generation
Incompatibility with various Substances	Reactive with oxidizing agents
Corrosivity	Non-corrosive in presence of glass
Special Remarks on Reactivity	Not available
Special Remarks on Corrosivity	Not available
Polymerization	Will not occur

Section 11 – Toxicological Information

Routes of Entry	Inhalation. Ingestion.

Toxicity to Animals	LD50: Not available. LC50: Not available.
Chronic Effects on Humans	Not available.
Other Toxic Effects on Humans	Slightly hazardous in case of ingestion, of inhalation. Non-irritant for skin.
Special Remarks on Toxicity to Animals	Lethal Dose/Conc 50% Kill: LD50[Rat] - Route: Intraperitoneal; Dose: 4500 mg/kg LD50[Mouse] - Route: Intraperitoneal; Dose: >8000 mg/kg
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on other Toxic Effects on Humans	Acute Potential Health Effects: Skin: Not likely to cause skin irritation. Eyes: Dust may cause eye irritation by mechanical action. Inhalation: Dust may cause respiratory tract irritation by mechanical action. Ingestion: Low hazard. Ingestion of very large amounts may cause gastrointestinal tract disturbances. The only data that was found in the Registry of Toxic Effects of Chemical Substances (RTECS) was LD50 toxicity for rat and mouse by the intrapertoneal route. Exposure to very large amounts by intraperitoneal route did affect behavior/central nervous system (convulsions, somnolence), respiration (dyspnea), and eyes (pupilliary dilation). However, this not a usual route of exposure that any one handling the material would experience.

Section 12 – Ecological Information

Ecotoxicity	Not available
BOD5 and COD	Not available
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise
Toxicity of the Products of Biodegradation	Not available
Special Remarks on the Products of Biodegradation	Not available

Section 13 – Disposal Considerations

Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations

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Section 14 – Transport Information

DOT Classification	Not a DOT controlled material
Identification	Not applicable
Special Provisions for Transport	Not applicable
DOT (Pictograms)	

Section 15 – Other Regulatory Information and Pictograms

WHMIS classification for product: Not a WHMIS regulated product. Product is classified as NIH (National Institute of Health, US) Risk Group I and is not considered to fall within the Canadian Controlled Products Regulations criteria for biohazardous infectious materials. This product does not meet the definition of a hazardous material given in the U.S. Occupational Safety and Health Administration's Hazard Communication Standard. This product does not require a registration or Chemical Safety Report under EU Regulation 1907/2006.

Section 15 – Other Regulatory Information and Pictograms

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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