



SAFETY DATA SHEET

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product name: Thermosacc® Dry
 Product code: 6441-04
 Description: High performance active dry yeast
 Product use: For fuel ethanol and beverage alcohol production
 Supplier name and address: **Lallemand Biofuels & Distilled Spirits**
6120 West Douglas Ave,
Milwaukee WI 53218
 Information telephone: +1 414 393 0410
 Emergency telephone: Contact your local doctor or hospital

SECTION 2- HAZARD IDENTIFICATION

Classification of substance or mixture.

Not a hazardous substance or mixture

GHS Label elements, including precautionary statements.

Not a hazardous substance or mixture

Hazards not otherwise classified or not covered by GHS

None

SECTION 3 – DATA ON COMPONENTS

Name	CAS #	% by Wt	LD ₅₀ & LC ₅₀	OSHA PEL	ACGIH TLV
<i>Saccharomyces cerevisiae</i>	68876-77-7	100%	Not established	Not established	Not established

SECTION 4 – FIRST AID MEASURES

Emergency and First aid procedures

Eye contact: Flush eyes for at least 15 minutes. If irritation persist seek medical advice
 Skin contact: Wash affected area with soap and water. Remove contaminated clothing and wash before reuse
 Inhalation: Immediately remove person to fresh air. If allergic respiratory reaction occurs seek medical advice
 Ingestion: Wash mouth and throat with water seek medical advice if symptoms persist

Most important symptoms and effects both acute and delayed

Irritation, nausea, headache and shortness of breath

Indication of any immediate medical attention and special treatment needed.

If seeking medical attention provide SDS to physician



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SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Use water spray, foam, dry chemical or carbon dioxide

Special hazards arising from substance or mixture Combustion products may include carbon oxides or other toxic vapors. Thermal decomposition can lead to release of irritating gases and vapors. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Advice for firefighters Wear self-contained breathing apparatus (SCBA) when exposed to confined or enclosed fires.

Further information No data available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Avoid dust formation. For personal protection see section 8

Environmental precautions Maintain Good Housekeeping Practices

Methods and material for containment and cleaning up Avoid dust formation. Sweep up and keep in a suitable container for disposal

Reference to other sections For disposal see Section 13

SECTION 7 – HANDLING & STORAGE

Precautions for safe handling Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wear protective equipment described in Section 8 if exposure conditions warrant. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities Keep product in a cool dry place. Keep containers tightly sealed.

SECTION 8– EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters No applicable occupational exposure limits
Appropriate Engineering controls Emergency eye wash fountains should be available in the immediate vicinity of use/handling. Ensure that dust-handling systems are designed in a manner to prevent the escape of dust into the work area.

Respiratory protection Use suitable respiratory protective device when high concentrations are present.

Skin protection Wear latex or other impervious gloves.

Eye protection Safety glasses with side shields or goggles

SECTION 9– PHYSICAL & CHEMICAL PROPERTIES

Physical state: Solid
Appearance: Dried tan to beige
Odor: Typical yeast smell
Vapour pressure: Not applicable.
Vapour density: Not applicable.
Evaporation rate: Not applicable.
Boiling point: Not applicable.
Freezing point: Not applicable.
Melting point: Not determined
pH: No data available.
Partition coefficient: Not applicable.
Viscosity: Not applicable.
Solubility in water: Partially soluble



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SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	Not reactive
Chemical Stability:	Stable under recommended storage conditions.
Possible hazardous reactions:	Not determined
Conditions to avoid:	High heat and humidity
Incompatible materials	Oxidizing agents
Hazardous decomposition products:	Carbon oxides (CO, CO ₂)

SECTION 11– TOXICOLOGICAL INFORMATION

Acute toxicity	No known effects
Skin corrosion/irritation	Possible irritation to skin
Eye damage/eye irritation	Possible irritation to eye
Respiratory or skin sensitization	Possible allergic reaction or sensitization
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity single exposure	No data available
Specific target organ toxicity repeated exposure	No data available

SECTION 12– ECOLOGICAL INFORMATION

Toxicity	No known ecological effects
Persistence and degradability	No persistence and substance is bio-degradable
Bioaccumulation potential	None
Mobility in soil	Not relevant
Results of PBT and vPvB assessment	Not relevant
Other adverse effects	None

SECTION 13 – DISPOSAL CONSIDERATIONS

Consult federal state/provincial and local regulations regarding proper disposal of waste material that may incorporate some amount of this product.

SECTION 14– TRANSPORT INFORMATION

Not a DOT, TDG (Canada) IMDG or IATA controlled material

SECTION 15 – REGULATORY INFORMATION

United States (USA)	
SARA Section 311/312 (Specific toxic chemical listings)	None of the ingredients is listed
SARA Section 313 (Specific toxic chemical listings)	None of the ingredients is listed
Proposition 65 (California)	
Chemicals known to cause cancer	None of the ingredients is listed
Canada	
Canadian Domestic Substances List (DSL)	All ingredients are listed

SECTION 16– OTHER INFORMATION

SDS Date of Preparation: January 2013, January 2015, January 2017, January 2019, January 2021

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