



SAFETY DATA SHEET

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product name: 46 EDV
 Product code: 6426-04
 Description: High performance active dry yeast
 Product use: Production of alcohol from beets and cane.
 Supplier name and address: **Lallemand Biofuels & Distilled Spirits**
6120 West Douglas Avenue
Milwaukee, WI 53218 USA
 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 House Keeping 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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