



## SAFETY DATA SHEET

## SECTION I - PRODUCT &amp; COMPANY IDENTIFICATION

Product name: DistilaVite VM  
 Product code: 6538-30  
 Description: Yeast nutrient in powder form  
 Product use: Beverage alcohol production.  
 Supplier name and address: **Lallemand Biofuels & Distilled Spirits, Corporate Support Center  
 1815 Satellite Boulevard, Building 200 Duluth GA 3009**  
 Information telephone: 1 (414) 393-0410  
 Emergency telephone: 1 (414) 393-0410

## SECTION II - HEALTH HAZARD IDENTIFICATION

DistilaVite VM contains yeast powder and enzymes.

Skin contact: May cause irritation on prolonged contact.  
 Eye contact: May cause eye irritation upon direct contact. Seek medical attention.  
 Inhalation: In some cases, repeated exposure may lead to allergic sensitization based on the exposure level, duration and susceptibility of the individual. Subsequent chronic or acute exposure in sensitized persons may cause a respiratory allergic reaction in minutes or delayed, or a mixture of both. Typical symptoms are respiratory irritation, breathlessness, coughing, chest tightness and difficulty breathing.  
 Ingestion: Excessive ingestion of yeast powder could lead to intestinal discomfort (e.g. diarrhea, bloating, cramping, etc.).

## SECTION III – DATA ON COMPONENTS

Product composition: Mixture of enzymes, inorganic nitrogen, organic nitrogen and trace minerals.  
 Hazardous ingredients: None

Information on DistilaVite VM as follows:

Name	CAS #	% by Wt	LD <sub>50</sub> & LC <sub>50</sub>	OSHA PEL	ACGIH TLV
Fungal enzyme blend	9032-08-0	Proprietary	Not established	Not established	Not established
Brewer's Yeast	68876-77-7	Proprietary	Not established	Not established	Not established
Dextrose	920-60-8	Proprietary	Not established	Not established	Not established

## SECTION IV – FIRST AID MEASURES (If any symptoms persist, seek medical attention)

Emergency and First aid procedures

Eye contact: Flush eyes for at least 15 minutes. If irritation persists 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.

Medical conditions likely to be aggravated by exposure: Asthma

Delayed effect that can be expected after exposure: Unknown.



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## SECTION V – FIRE FIGHTING MEASURES

Conditions of flammability:	Unknown.
Extinguishing media:	Water, foam, carbon dioxide, dry powder.
Flash point:	Not applicable
Flammable limits:	Not applicable.
Auto-ignition temperature:	No data available.
Hazardous combustion products:	None
Explosion – sensitivity to mechanical impact:	None.
Explosion – sensitivity to static discharge:	None.
Firefighting procedures:	Use self-contained breathing apparatus (SCBA) when exposed to confined or enclosed fires.

## SECTION VI – ACCIDENTAL RELEASE MEASURES

Spills/Leaks: Sweep up material into a suitable disposal container. Avoid generation of dust. Maintain good housekeeping practices. Dispose of by methods consistent with Federal, State and local regulations.

## SECTION VII – HANDLING & STORAGE

Handling:	Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wear protective equipment described in Section VIII if exposure conditions warrant. Wash thoroughly after handling.
Storage:	Cool/dry conditions recommended. Containers should be kept sealed and dry.

## SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Protective mask with an assigned protection factor of at least 20 should be worn in conditions of excessive dusting.
Eye contact:	Protective glasses should be worn in conditions of excessive dusting. If eye contact occurs, rinse with water.
Clothing:	Wear rubber or vinyl gloves.
Specific engineering controls:	None.
Environmental exposure control	None.

## SECTION IX – PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Coarse powder
Appearance:	Brown
Odor:	Yeasty smell
Odor threshold:	Not applicable.
Specific gravity:	No data available.
Vapour pressure:	Not applicable.
Vapour density:	Not applicable.
Evaporation rate:	Not applicable.
Boiling point:	Not applicable.
Freezing point:	Not applicable.
Melting point:	Mixture.
pH:	No data available.
Partition coefficient:	Not applicable.
Viscosity:	Not applicable.
Solubility in water:	Partially soluble.
Explosive properties	Not applicable
Oxidising properties	Not applicable



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## SECTION X – STABILITY AND REACTIVITY

Stability:	Non-reactive (stable under normal conditions of use)
Incompatibility:	None
Conditions to avoid:	High levels of dust formation, eliminate sources of ignition and static charge
Materials to avoid:	None
Hazardous decomposition products:	Carbon dioxide and carbon monoxide
Hazardous polymerization:	None.

## SECTION XI – TOXICOLOGICAL INFORMATION

Effects of short-term exposure:	None.
Effects of long-term exposure:	Unknown
Irritancy:	Unknown.
Sensitization:	Possible allergic sensitization (see Section III).
Allergy:	Yeast and enzymes
Carcinogenicity:	Not listed as a carcinogen or potential by the NTP, IARC Monographs or OSHA
Reproductive toxicity:	Unknown
Teratogenicity:	Unknown
Mutagenicity:	Unknown
Toxicologically synergistic products:	Unknown

## SECTION XII – ECOLOGICAL INFORMATION

Adopt good working practices so that the product is not released into the environment  
No ecological information is available.

## SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose by methods consistent with Federal, State and local regulations

## SECTION XIV – TRANSPORT INFORMATION

Not a DOT controlled material

## SECTION XV – REGULATORY INFORMATION

WHMIS classification for product: None  
Canadian Ingredient Disclosure List: : None

## SECTION XVI – OTHER INFORMATION

Date of SDS Preparation: October 2010 Reviewed January 2013, January 2015, January 2017  
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