



SAFETY DATA SHEET

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product name: Nutri-Plex L™
Product code: 6580-01
Description: Liquid yeast nutrient complex
Product use: Fuel Ethanol production
Supplier name and address: Lallemand Biofuels & Distilled Spirits
 6120 West Douglas Avenue
 Milwaukee, WI 53218
Information telephone: +1 (414) 393-0410
Emergency telephone: Contact your local doctor or hospital

SECTION 2- HAZARD IDENTIFICATION

Classification: **Classification according to Regulation (EC) 1272/2008 (CLP)**
 Hazard class: Respiratory sensitizer
 Hazard category: 1
 Hazard statement: H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Classification according to Directives 67/5481 EEC and 1999/45/EC (including amendments)
 Sensitizing, R42

Signal Word: Warning



Hazard Statements: H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary Statements: P261 – Avoid Breathing vapors or sprays
 P284 – Wear respiratory protection
 P304 and P340 – IF INHALED: Remove person to fresh air
 P342 and P311 – If experiencing symptoms seek medical attention

Other Information: Mild skin irritation and mild eye irritation are possible if wet product is allowed to dry and form a dust.

SECTION 3– DATA ON COMPONENTS

Hazardous Ingredients	CAS #	% by Wt	EU Classification	EINECS	CLP Classification
Enzyme	Confidential	Confidential	R42	Confidential	H334
Ferrous sulfate (in dried residue)	7782-63-0	< 5%	R36/38	231-753-3	H316/H320
Citric acid (in dried residue)	77-92-9	< 5%	R36	201-069-1	H320



SAFETY DATA SHEET

SECTION 4– FIRST AID MEASURES (If any symptoms persist, seek medical attention)

Emergency and First aid procedures

Eye contact:	Flush eyes for at least 15-20 minutes. Remove contact lenses. Seek medical attention immediately
Skin contact:	Wash affected area with soap and water. Seek medical attention or advice if irritation persists
Inhalation:	Immediately remove person to fresh air. If allergic respiratory reaction or signs of toxicity occurs seek medical attention.
Ingestion:	In the event of swallowing, if the quantity is small (no more than one mouthful) rinse the mouth with water and consult a doctor if symptoms persist.

Most important symptoms and effects both acute and delayed.

In sensitive individuals. Allergic reaction: in case of sensitivity, concentrations below the limit value may already result in asthmatic symptoms. Respiratory distress: delayed effects from exposure can be expected. In certain cases symptoms may only appear after several hours.

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically. If seeking medical attention provide SDS document to physician.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media:	Use appropriate medium for underlying cause of fire
Protective equipment:	Wear protective clothing and self-contained breathing apparatus
Hazardous combustion products:	Carbon dioxide. Sulfur dioxide. Carbon monoxide. Ammonia
Firefighting:	Avoid breathing fumes. Dispose of contaminated extinction water according to applicable regulations
Special exposure procedures:	Avoid inhalation of combustion products

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, equipment and procedures:	Wear protective equipment. Avoid contact with skin and eyes. Contain the leaks or spills with non-combustible absorbent material such as sand, or diatomaceous earth. Contaminated surfaces may be slippery
Environmental precautions:	Use absorbent material to soak up the spill
Method and materials for containment and cleaning up:	Contain and control spills with absorbent material, scoop into suitable container for disposal according to local, federal and state regulations.

SECTION 7– HANDLING & STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid handling if allergic to enzymes.
Storage:	Store in a cool dry area, keep from freezing

SECTION 8– EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	Occupational exposure limits not determined
Engineering Controls:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use/handling. Ensure good ventilation
Skin Protection:	Wear latex or other impervious gloves
Eye Protection:	Safety glasses with side shields or goggles
Respiratory Protection:	An approved NIOSH respirator should be worn when exposures are expected to be high.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Brown colored liquid
Odor:	Characteristic odor
Density:	10.7 lbs/gallon or 1.28 kg/liter
pH:	3.0-3.5
Melting point/Freezing point:	Not determined
Oxidizing properties:	No
Solubility in water:	Soluble



SAFETY DATA SHEET

SECTION 10– STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions of use and storage
Incompatibility:	Avoid contact with strong reducing agents. Oxidizing agents
Conditions to avoid:	Low temperatures.
Hazardous reactions:	No hazardous reactions under ordinary conditions of use and storage.
Hazardous decomposition products:	Carbon dioxide. Sulfur dioxide. Carbon monoxide. Ammonia

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological information

Toxicity data:	Not determined
Local effects:	May cause eye and skin irritation if liquid product allowed to dry and form dust.
Sensitization:	Possible allergic sensitization (see Section 2).
Acute toxicity levels:	Not determined
Health effects delayed:	In certain cases respiratory distress may only appear after an extended period of time/several hours

SECTION 12 ECOLOGICAL INFORMATION

Toxicity to fish:	No data available
Toxicity to daphnia:	No data available
Persistence and degradability:	No data available

SECTION 13– DISPOSAL CONSIDERATIONS

Do not allow product to reach sewage system or open water. Disposal should be made in accordance with Federal, State/Provincial and local regulations.

SECTION 14 – TRANSPORT INFORMATION

Transportation by road (DOT/TDG): not a regulated product
 Transportation by sea (International Maritime Code for Dangerous Goods): not a regulated product
 Transportation by air (International Air Transport Association): not a regulated product

SECTION 15 – REGULATORY INFORMATION

This Safety Data Sheet is in conformance with the GHS Standard

SECTION XVI – OTHER INFORMATION

Definitions:
 R42 May cause sensitization by inhalation
 R36 Irritating to the eyes
 R38 Irritating to the skin
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
 H316 Causes mild skin irritation
 H320 Causes eye irritation
 SDS Date of Preparation: May 2018, Reviewed July 2019, January 2021

The information herein is based on current available data and is believed to be correct. No warranty, express or implied, is made regarding data accuracy, merchantability or hazards associated with product use. The user is responsible for determining product suitability, conditions of use and all associated hazards. Values listed in this document are not product specifications.