



FURST-MCNESS COMPANY

FURST-MCNESS COMPANY

Safety Data Sheet LEAN FUEL

SECTION 1: Identification

1.1 Product identifier

Product name LEAN FUEL

Product number 645940

1.3 Recommended use of the chemical and restrictions on use

Always read the label. Use only as directed.

1.4 Supplier's details

Name Furst-McNess Company
Address 120 E. Clark Street
Freeport, IL 61032
U.S.A.

Telephone (800) 435-5100
Fax (815) 232-9717

1.5 Emergency phone number(s)

(800) 222-2222 Poison Control

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)
- Eye damage/irritation (chapter 3.3), Cat. 2B

2.2 GHS label elements, including precautionary statements

Pictogram



1. Exclamation mark

Signal word

Warning

Hazard statement(s)
(CAN)

May form combustible dust concentrations in air

Safety Data Sheet

LEAN FUEL

H320 Causes eye irritation
H335 May cause respiratory irritation

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
P264 Wash ... thoroughly after handling.
P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Trade secret statement (OSHA 1910.1200(i))

The specific chemical identity and/or exact percentages of components in this mixture have been withheld as a trade secret in accordance with Title 29 of the U.S. Code of Federal Regulations 1910.1200.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash exposed area with soap and water. If irritation persists, seek medical attention.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	If large amounts were swallowed, give water to drink and get medical advice.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical

Hazardous decomposition products formed under fire conditions: carbon oxides.

5.3 Special protective actions for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

Isolate materials not yet involved in the fire and protect personnel.

Safety Data Sheet

LEAN FUEL

Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. For personal protection see section 8.

6.2 Environmental precautions

No extra precautions needed.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal. Dispose in a container for non-hazardous materials.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

Showers, eyewash stations, ventilation system.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Safety glasses or chemical goggles.

Skin protection

Wear gloves and adequate body-covering protective clothing.

Body protection

Wear gloves, glasses and adequate body-covering protective clothing.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Environmental exposure controls

Avoid dust accumulation and control ignition sources. Where appropriate, employ grounding, venting, and explosion relief provisions in accordance with accepted engineering practices in processes (capable of generating dust and/or static electricity). Avoid accumulation of dust on surfaces to prevent secondary dust explosions.

Safety Data Sheet

LEAN FUEL

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Tan to dark brown in appearance.
Odor	Neutral to Sweet
Odor threshold	Not Available
pH	Not Available
Melting point/freezing point	Not Available
Initial boiling point and boiling range	Not Available
Flash point	Not Available
Evaporation rate	Not Available
Flammability (solid, gas)	Not Available
Upper/lower flammability limits	Not Available
Upper/lower explosive limits	LEL: Variable UEL: Unknown
Vapor pressure	Not Available
Vapor density	Not Available
Relative density	Not Available
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	Not Available
Auto-ignition temperature	Unknown
Decomposition temperature	Not Available
Viscosity	Not Available
Explosive properties	Not Available
Oxidizing properties	Not Available

SECTION 10: Stability and reactivity

10.1 Reactivity

This product is not reactive.

10.2 Chemical stability

Stable under conditions of normal storage and use.

10.3 Possibility of hazardous reactions

Will not occur.

10.4 Conditions to avoid

N/A

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Acute: May be mechanical irritant to skin and eyes. Excessive inhalation of feed dusts may affect the nose, throat and lungs.

Safety Data Sheet

LEAN FUEL

Chronic: Repeated and prolonged inhalation of feed dusts may affect the respiratory system. Smokers have an increased risk of respiratory effects.

Signs and Symptoms of Exposure: Irritation to the skin, eyes, nose or throat may occur. Some people may occasionally experience coughing.

Medical Conditions Generally Aggravated by Exposure: Allergies and respiratory ailments.

Skin corrosion/irritation

May cause irritation.

Serious eye damage/irritation

May cause irritation.

Respiratory or skin sensitization

May cause irritation.

Germ cell mutagenicity

Not relevant.

Carcinogenicity

Ingredients within this product are found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

Reproductive toxicity

No specific information is available concerning the effects of this product and its components on the human reproductive system.

STOT-single exposure

Not relevant.

STOT-repeated exposure

Not relevant.

Aspiration hazard

Not relevant.

SECTION 12: Ecological information

Toxicity

Not regarded as dangerous for the environment.

Persistence and degradability

The product is not readily biodegradable.

Bioaccumulative potential

The product is not bioaccumulating.

Mobility in soil

Not relevant, due to the form of the product.

Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Safety Data Sheet

LEAN FUEL

Other adverse effects

None known.

SECTION 13: Disposal considerations

Disposal of the product

Dispose of contents/container in accordance with the local/regional/national/international regulations.

Disposal of contaminated packaging

Dispose of contents/container in accordance with the local/regional/national/international regulations.

Waste treatment

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.2 Chemical Safety Assessment

Not applicable. No chemical safety assessment has been carried out.

Additional Regulatory Information:

All electrical equipment must be suitable for use in hazardous atmospheres involving combustible dust, in accordance with 29 CFR 1910.307. The National Electrical Code, NFPA 70, contains guidelines for determining the type and design of equipment and installation, which will meet this requirement.

Combustible Dust is a "Hazard, other than chemical" as defined by the OSHA Hazard Communications Standard, 29 CFR 1910.1200 Section (B)(5)(III) of the HCS (CFR 1910.1200) exempts food, including feed and therefore any associated feed dust, from the labeling requirements of the HCS since the food/feed is subject to the requirements of the Food & Drug Administration.

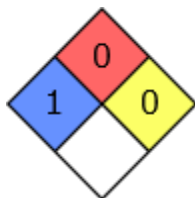
HMIS Rating

LEAN FUEL	
HEALTH	* 1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

Safety Data Sheet

LEAN FUEL

NFPA Rating



SECTION 16: Other information

Animal Feed is comprised of whole and processed grains, and may contain added vitamins and minerals. Feed components generally produce a limited amount of dust in manufacturing and handling of the material.

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability 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 investigation to determine the suitability of information for their particular purposes. In no event shall FURST-McNESS Co. 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, whatsoever arising, even if FURST-McNESS Co. has been advised of the possibility of such damages.