



FURST-MCNESS COMPANY

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Safety Data Sheet GOLD PRO

SECTION 1: Identification

1.1 Product identifier

Product name	GOLD PRO
Product number	603929, 103929 & 603888
Brand	GOLD PRO

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

General hazard statement

According to the Globally Harmonized System for Classification and Labeling (GHS) this product is not considered hazardous.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

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Avoid contact with skin and eyes. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

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

General advice	IF exposed or concerned: Get medical advise/attention. If medical advise is needed, have product container or label at hand. Never give anything by mouth to an unconscious person.
If inhaled	If breathed in, move person to fresh air. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Call a POISON CENTER or doctor/physician if you feel unwell.
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 swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Never give anything by mouth to an unconcious person. Call a poison center/doctor/physician if you feel unwell.

4.2 Most important symptoms/effects, acute and delayed

Potential Adverse human health effects and symptoms: Irritation: may cause irritation to the respiratory system.

Irritation: severely irritant to eyes.

Symptoms/effects : Causes eye irritation. May cause respiratory irritation.

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Causes severe burns.

Symptoms/effects after eye contact : Causes serious eye burns. Causes serious eye damage.

Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

Fire extinguishing materials that can be used against fires of this product include carbon dioxide, dry chemical powder, halon, 'ABC' Class, or appropriate foam. Water spray. Consideration for surrounding materials must be taken into account.

5.2 Specific hazards arising from the chemical

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This product is combustible and may ignite if exposed to high temperature or direct flame. If involved in a fire, products of thermal decomposition may include oxides of carbon. Finely-divided dusts dispersed in air in an enclosed space can present a serious potential hazard for and an air/dust explosion.

Explosion Sensitivity to Mechanical Impact: Not sensitive.

Explosion Sensitivity to Static Discharge: Accumulation of dusts from this product has the potential to be ignited by static discharge and cause an air/dust explosion hazard.

5.3 Special protective actions for fire-fighters

Move small containers (55-gallon and smaller) from fire area if it can be done without risk to personnel. Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective clothing (Bunker Gear) may not provide adequate protection.

Chemical resistant clothing (e.g. chemical splash suit) and positive pressure self-contained breathing apparatus (NIOSH approved or equivalent) may be necessary. If possible, prevent runoff 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

Proper protective equipment should be used. In the event of a spill, clear the area and protect people. The atmosphere must have levels of components lower than those listed in Section 8, (Exposure Controls and Personal Protective Equipment) if applicable, and have at least 19.5 percent oxygen before personnel can be allowed into the area without Self-Contained Breathing Apparatus (SCBA). Avoid generating airborne dusts of this product during spill response procedures. Eliminate all sources of ignition.

6.2 Environmental precautions

Prevent material from entering sewer or confined spaces, waterways, soil or public waters. Do not flush to sewer.

6.3 Methods and materials for containment and cleaning up

Small Spills: Wipe up spilled solid with damp sponge or sweep up spilled material or vacuum, avoiding generation of dusts. Place spilled material in appropriate container for disposal.

Large Spills: Trained personnel following pre-planned procedures should handle non-incident releases. Access to the spill areas should be restricted. Protective apparel should be used with a respirator when there is any danger of airborne powder being generated (see above). The dispersal of particles into surrounding air and the possibility of inhalation should be avoided. Sweep up or vacuum spilled solid. Monitor area and confirm levels are below exposure limits given in Section 8 (Exposure Controls-Personal Protection), if applicable, before non-response personnel are allowed into the spill area.

All Spills: Restrict access to the spill areas. Prevent material from entering sewer or confined spaces.

Decontaminate the area thoroughly. Place all spill residue in an appropriate container and seal. Clean spill area with soap and water. If necessary, decontaminate spill-response equipment and spill area with soap and water solution. Do not mix with wastes from other materials. For spills on water, contain, minimize dispersion and collect. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

Reference to other sections

See Section 13, Disposal Considerations for more information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

All employees who handle this material should be trained to handle it safely. Use in a well-ventilated location. As with all chemicals, avoid getting this product ON YOU or IN YOU. Do not eat or drink while handling this material. Wash thoroughly after handling this product. Avoid breathing airborne dusts generated by this product. Clean work areas routinely to prevent accumulation of dust. Clean up spills promptly. Remove contaminated clothing as soon as practicable. Ensure this product is used with adequate ventilation (refer to Section 8, Exposure Controls-Personal Protection). Open containers slowly on a stable surface in areas that have been designated for use of this product. Containers of this product must be properly labeled.

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7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed containers to avoid moisture contamination. Keep containers tightly closed when not in use. Store containers in a cool, dry location, away from direct sunlight and sources of intense heat. Store away from incompatible materials (see Section 10, Stability and Reactivity). Material should be stored in secondary containers. Refer to NFPA 654, Prevention of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids for additional information on storage. Have appropriate extinguishing equipment in the storage area (e.g., sprinkler system, portable fire extinguishers).

Specific end use(s)

This product is used as animal feed. Follow all industry standards for use of this product.

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)

Eye/face protection

Safety glasses or chemical goggles.

Skin protection

Wear gloves and adequate body-covering protective clothing.

Body protection

Wear gloves 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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Finely powdered solid
Odor	Minor vinegar smell
Odor threshold	Not applicable
pH	Not applicable
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not available
Upper/lower flammability limits	
Vapor pressure	
Vapor density	Not available
Relative density	Not available
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	(micron mesh 200-400 um) 400-480°C (752-864°F)
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available

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Oxidizing properties

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions of handling and use.

10.3 Possibility of hazardous reactions

Will not occur.

10.4 Conditions to avoid

Wet/humid conditions, direct sunlight, sources of ignition, dust accumulation and incompatible chemicals.

10.5 Incompatible materials

Strong oxidizers, acids or caustics.

10.6 Hazardous decomposition products

Carbon oxides formed under fire conditions.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, not, or only slightly irritating. This product is not expected to cause significant irritation to the skin in dry form. Dust has a slightly acid pH when mixed with water. Distillation byproducts in the dust may produce allergic skin reactions including redness, itching, etc. in sensitive individuals.

Serious eye damage/irritation

Eye contact will cause immediately irritation both from mechanical irritation and chemical action. Prolonged eye contact may cause severe irritation.

Respiratory or skin sensitization

Inhalation of dusts or particulates may cause irritation of the respiratory system. Symptoms may include difficulty breathing, irritation of the mucus membranes, coughing, nasal congestion, and a sore throat. Irritation is expected to cease upon removal to fresh air. Prolonged exposure to the dust may cause wheezing, chest tightness, productive cough, eye and nasal irritation, runny nose and symptoms of chronic respiratory disease. Dust may also induce asthmatic reactions via an allergic mechanism, particularly in individuals who are predisposed to developing allergies. Occupational exposure to grain and related dusts is a recognized health hazard capable of causing grain fever, sensitization of the mucous membranes of the eyes and nose, asthma and chronic bronchitis.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

This compound is not found on the following lists: U.S. EPA, U.S. NTP, U.S. OSHA, U.S. NIOSH, GERMAN MAK, IARC, or ACGIH and therefore are neither considered to be nor suspected to be cancer-causing agents by these agencies.

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Reproductive toxicity

Components are not known to cause adverse mutagenic, embryotoxic, teratogenic or reproductive effects in humans.

Summary of evaluation of the CMR properties

To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.

SECTION 12: Ecological information

Toxicity

This product has not been tested for aquatic or plant toxicity. No toxicity is expected.

Persistence and degradability

This product has not been tested for persistence or biodegradability. As a large percentage is an organic material derived from corn, it will completely biodegrade.

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

No data available. PBT and vPvB assessments are part of the chemical safety report required for some substances in European Union Regulation (EC) 1907/2006, Article 14.

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

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15.1 Safety, health and environmental regulations specific for the product in question

No SARA hazards.

Components are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

EU Legislation:

SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE PRODUCT:
None known.

CHEMICAL SAFETY ASSESSMENT: No data available. The chemical safety assessment is required for some substances according to European Union Regulation (EC) 1907/2006, Article 14.

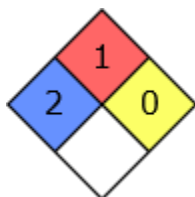
15.2 Chemical Safety Assessment

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

HMIS Rating

GOLD PRO	
HEALTH	* 2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

NFPA Rating



SECTION 16: Other information

GLOBAL HARMONIZATION LABELING AND CLASSIFICATION: Classified in accordance with U.S. OSHA Hazard Communication Standard.

Classification: Combustible Dust Hazard, Respiratory Sensitization Category 1B Signal Word: Danger

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

Precautionary Statements:

Prevention: Avoid breathing dust. Wear respiratory protection.

Response: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor. Specific treatment (remove from exposure and treat symptoms). Refer to other portions of precautionary text on this label, SDS or other product information sheets, as appropriate.

Storage: None.

Disposal: Dispose of contents/containers in accordance with all local, regional, national and international regulations.

Hazard Symbols/Pictograms: GHS08

GLOBAL HARMONIZATION LABELING AND CLASSIFICATION: Classified in accordance with Canadian WHMIS 2015 GHS.

Classification: Combustible Dust Hazard, Respiratory Sensitization Category 1B Signal Word: Danger

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

Precautionary Statements:

Prevention: Avoid breathing dust. Wear respiratory protection.

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Response: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor. Specific treatment (remove from exposure and treat symptoms). Refer to other portions of precautionary text on this label, SDS or other product information sheets, as appropriate.

Storage: None.

Disposal: Dispose of contents/containers in accordance with all local, regional, national and international regulations.

Hazard Symbols/Pictograms: GHS08

GLOBAL HARMONIZATION LABELING AND CLASSIFICATION UNDER EUROPEAN CLP: Classified under European CLP Regulation (EC) 1272/2008.

Classification: Respiratory Sensitization Category 1B Signal Word: Danger

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

Precautionary Statements:

Prevention: P261: Avoid breathing dust. P284: Wear respiratory protection.

Response: P304 + P340: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. P342 + P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor. P321: Specific treatment (remove from exposure and treat symptoms). Refer to other portions of precautionary text on this label, SDS or other product information sheets, as appropriate.

Storage: None.

Disposal: P501: Dispose of contents/containers in accordance with all local, regional, national and international regulations.

Hazard Symbols/Pictograms: GHS08

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 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 has been advised of the possibility of such damages.