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Section 1: PRODUCT IDENTIFICATION

Product Name: **Wet Distillers Grains with Solubles**
 Common Names: Wet Cake

Section 2: HAZARDS IDENTIFICATION

Physical Hazards	Not classified
Health Hazards	Not classified
Environmental Hazards	Not classified
OSHA defined hazards	Not classified
Label elements	
Hazard Symbol	None
Signal Word	Not applicable
Hazard Statement	The mixture does not meet the criteria for classification.
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known
Supplemental information	Not applicable

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS #</u>	<u>% (BY VOL)</u>
Distillers Grains and solubles	N/A	30
Other components below reportable levels		10

Components not listed are either non-hazardous or below the required disclosure threshold

Section 4: FIRST AID

Inhalation	Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical advice/attention.
Skin contact	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.
Eye contact	Flush thoroughly with water. If irritation occurs, get medical assistance.
Ingestion	Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control center immediately.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Contact physician if discomfort continues

Section 5: FIRE AND EXPLOSION INFORMATION

FLASH POINT: >212 °F (>100 °C)

EXPLOSIVE LIMIT: LOWER NA UPPER NA

EXTINGUISHING MEDIA: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

HAZARDOUS DECOMPOSITION PRODUCTS: NA

FIREFIGHTING PROCEDURES: In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.

SPECIAL FIRE & EXPLOSION HAZARDS: Use standard firefighting procedures and consider the hazards of other involved materials.

NFPA CODES: HEALTH - 0 FLAMMABILITY - 0 REACTIVITY - 0

Section 6: ACCIDENTAL RELEASE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spills: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth or absorbent material then place into containers. Following product recovery, flush area with water

Section 7: HANDLING AND STORAGE

Handling: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: EXPOSURE CONTROL, PERSONAL PROTECTIVE EQUIPMENT

PERMISSIBLE EXPOSURE LEVEL: See Section 2.

EFFECTS OF ACUTE OVEREXPOSURE:

EYES: Can cause moderate irritation, redness, tearing.

SKIN: Can cause slight irritation.

BREATHING: Excessive NA

SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

EFFECTS OF CHRONIC OVEREXPOSURE: NA

RESPIRATORY PROTECTION: NA

VENTILATION: Provide sufficient mechanical or general ventilation to maintain exposure below TLV(s).

PROTECTIVE GLOVES: Wear impervious gloves such as neoprene.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses (consult your safety equipment supplier).

OTHER PROTECTIVE EQUIPMENT: To prevent repeated or prolonged skin contact, wear impervious clothing/boots.

Section 9: PHYSICAL PROPERTIES

Boiling Point: 212°F (100°C)

Melting Point/freezing point 32°F (0°C)

Vapor Pressure: NA

Specific Vapor Density: NA

Specific Gravity: 1.05

Appearance and Odor: Viscous gold liquid.

pH: 3.5-5

Section 10: STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: NA

STABILITY: Stable

INCOMPATIBILITY: NA

Section 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact.

Toxicity to Animals:

LD50: Not available

LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not Available

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause skin irritation. Low hazard for usual industrial handling.

Eyes: May cause transient irritation.

Inhalation: Low hazard for usual industrial handling

Ingestion: Ingestion of large amounts may cause gastrointestinal (digestive) tract irritation. Expected to be a low ingestion hazard.

Chronic Potential Health Effects: Repeated or prolonged contact may cause allergic reactions in sensitive individuals.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	Expected to be slightly to moderately mobile in soil.
Other adverse effects	No other adverse environmental effects are expected from this component

Section 13: WASTE DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: TRANSPORTATION INFORMATION

Not a DOT controlled material.

Section 15: REGULATORY

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable

Section 16: OTHER

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

The information accumulated herein is believed to be accurate, but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.