



Westway
FEED PRODUCTS

Where solutions flow.™

SAFETY DATA SHEET

Revision No.: 01
Revision Date: 5/18/2015

1. IDENTIFICATION

PRODUCT NAME: DRIED MOLASSES

TRADE NAME(S): Mr. Blackjack, Plantations Best, Westway Premium 42, Louisiana Premium 38, Sweet 45, Sweet Lite 45, SweetLac, Blackjack, and Omalass Dried Molasses

MANUFACTURED BY: Westway Feed Products LLC
14015 Park Drive, Suite 104
Tomball, TX 77377
(800) 654-9668

INTENDED USE: For further manufacture of feed as palatability aid, binder and energy source for all species of livestock.

USE RESTRICTIONS: For use with additional required nutritional sources.

EMERGENCIES: Contact originating shipping terminal from the BOL.

HEALTH EMERGENCIES: Contact 911 / Local Poison Control Center

2. HAZARD IDENTIFICATION

HAZARD CLASSIFICATION:

COMBUSTIBLE DUST

LABEL ELEMENTS:

SIGNAL WORD: N/A DUE TO FDA LABELING EXEMPTION

HAZARD STATEMENT(S):

CLASS 2B EYE IRRITANT.

MAY CAUSE BREATHING DIFFICULTIES IF INHALED.

MAY CREATE A FLASH FIRE OR EXPLOSION HAZARD IF DUST OF CERTAIN PARTICLE SIZE IS SUSPENDED IN AIR AT SUFFICIENT CONCENTRATION IN A CONFINED SPACE AND EXPOSED TO AN IGNITION SOURCE.

PRECAUTIONARY STATEMENT(S):

MAY BE MECHANICAL EYE IRRITANT. RINSE EYES WITH WATER FOR SEVERAL MINUTES.

AVOID BREATHING DUST. EXCESSIVE INHALATION MAY AFFECT NOSE, THROAT, AND LUNGS. FEED DUST MAY BURN IF SUSPENDED IN AIR AND MAY CREATE A FLASH FIRE/ EXPLOSION HAZARD.

AVOID IGNITION SOURCES.

EMERGENCY OVERVIEW:

MAY BE MECHANICAL IRRITANT TO EYES. EXCESSIVE INHALATION OF FEED DUSTS MAY AFFECT NOSE THROAT, AND LUNGS. MAY FORM COMBUSTIBLE DUST CONCENTRATION IN AIR; SEE "EXPLOSION HAZARD" BELOW.

EXPLOSION HAZARD:

FEED IS GENERALLY CONSIDERED NOT HAZARDOUS, BUT DUST GENERATED THROUGH DOWNSTREAM ACTIVITIES THAT MAY REDUCE ITS PARTICLE SIZE (E.G., SHIPPING, HANDLING, TRANSFER TO BINS, ETC.) MAY CREATE A HAZARDOUS CONDITION.

IF EXPOSED TO AN IGNITION SOURCE, FEED DUST MAY BURN. AIRBORNE DUST IN SUFFICIENT CONCENTRATIONS WHEN EXPOSED TO AN IGNITION SOURCE MAY FLASH OR, IN A CONFINED SITUATION, MAY FUEL AN EXPLOSION.

3. COMPOSITION / INGREDIENTS

<u>COMPONENTS</u>	<u>CAS REGISTRY NO.</u>	<u>CONCENTRATION</u>
Molasses	68476-78-8	50 - 75%
Propylene Glycol	57-55-6	0 - <1%
Flavoring	N/A	0 - <1%
Dust from Prepared Animal Feeds (Grains, Plant and/or Animal)	N/A	1 - 10%

(See ingredient tag for nutritional information)

4. FIRST AID MEASURES

INHALATION:

REMOVE PERSON FROM EXPOSURE. SEEK MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY.

INGESTION:

IF SWALLOWED, GIVE SEVERAL GLASSES OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SKIN CONTACT:

WASH AFFECTED SKIN WITH SOAP AND WATER.

EYE CONTACT:

FLUSH EYES WITH WATER. SEEK MEDICAL ATTENTION AS NEEDED.

5. FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS:

OXIDES OF CARBON

SPECIAL FIRE FIGHTING PROCEDURES:

EXTINGUISH WITH WATER FOG, DRY CHEMICAL POWDERS OR FOAM. DO NOT USE STRONG STREAMS OF WATER OR DRY CHEMICAL IF DUST CAN BE DISPERSED INTO THE AIR. DUST PLACED IN SUSPENSION WITH AN IGNITION SOURCES PRESENT MAY FLASH OR EXPLODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

EXPLOSION HAZARD MAY EXIST FOR COMBUSTIBLE DUSTS OF CERTAIN PARTICLE SIZE AND MOISTURE CONTENT WHEN SUSPENDED IN AIR AT CERTAIN CONCENTRATIONS AND SUBJECTED TO AN IGNITION SOURCE.

6. ACCIDENTAL RELEASE MEASURES

CLEAN UP SPILLS WITH SOFT BRISTLE BROOM OR VACUUM APPROVED FOR A CLASS II HAZARDOUS LOCATION. DUST DEPOSITS SHOULD BE MAINTAINED TO A MINIMUM ON SURFACES, AS THESE COULD FORM AN EXPLOSIVE MIXTURE IF THEY ARE RELEASED INTO THE ATMOSPHERE IN SUFFICIENT CONCENTRATON. AVOID DISPERSAL OF DUST IN THE AIR (I.E. CLEANING DUST SURFACES WITH

COMPRESSED AIR IN THE PRESENCE OF IGNITION SOURCE SHOULD NOT BE ALLOWED.) NON-SPARKING TOOLS SHOULD BE USED.

7. HANDLING AND STORAGE

AVOID DISPENSING DUST IN AIR AND EXPOSURE TO POTENTIAL IGNITION SOURCES. REMOVE FEED DUST FROM AREA/PROCESSING EQUIPMENT PRIOR TO USING ANY HEAT PRODUCING EQUIPMENT SUCH AS ARC WELDERS, CUTTING TORCHES AND SPARK/HEAT PRODUCING TOOLS SUCH AS PORTABLE SURFACE GRINDERS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA PERMISSIBLE EXPOSURE LIMIT (PEL):

15 mg/m³ (MEASURED AS TOTAL PARTICULATE) – 8 HR TIME-WEIGHTED AVERAGE (TWA)

5 mg/m³ (MEASURED AS RESPIRABLE FRACTION) – 8 HR TWA

ACGIH THRESHOLD LIMIT VALUE (TLV):

10 mg/m³ (AS TOTAL DUST) FOR PARTICULATES HAVING A QUARTZ CONTENT OF LESS THAN 1% - 8 HR TWA

EYE PROTECTION:

SAFETY GLASSES / GOGGLES SUGGESTED IN DUSTY CONDITIONS

PROTECTIVE GLOVES:

N/A

RESPIRATORY PROTECTION:

MAY CAUSE IRRITATION OF THE NASAL MEMBRANES OR THE UPPER RESPIRATORY TRACT. IF DUST EXCEEDS THE NUISANCE LEVEL. WEAR AN APPROVED NIOSH DUST RESPIRATOR WHENEVER DUST CONCENTRATIONS IN THE WORK AREA ARE ABOVE ACGIH TLV/OSHA PELS.

WORK/ HYGIENIC PRACTICES:

GOOD PERSONAL HYGIENE PRACTICES SHOULD BE FOLLOWED. WASH HANDS AND FACE BEFORE EATING, DRINKING, ETC.

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. REFER TO APPROPRIATE OSHA, NFPA AND APPLICABLE STANDARDS.

VENTILATION:

LOCAL EXHAUST IF NEEDED.

MECHANICAL CONTROLS:

IF NEEDED TO CONTROL DUST

ENSURE THAT DUST HANDLING SYSTEMS (SUCH AS EXHAUST DUCTS, DUST COLLECTORS, VESSELS, AND PROCESSING EQUIPMENT) ARE DESIGNED IN A MANNER TO PREVENT THE ESCAPE OF DUST INTO THE WORK AREAS. USE ONLY APPROPRIATELY CLASSIFIED ELECTRICAL EQUIPMENT AND POWERED INDUSTRIAL TRUCKS.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: DARK BROWN, SOLID GRANULAR
ODOR: SWEET
ODOR THRESHOLD: NO DATA
pH: N/A
MELTING POINT / FREEZING POINT: N/A
INITIAL BOILING POINT & BOILING RANGE: N/A
FLASH POINT: NO DATA
EVAPORATION RATE: N/A
FLAMMABILITY: N/A
UEL: UNKNOWN
LEL: VARIABLE
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
RELATIVE DENSITY: NO DATA
SOLUBILITY: PARTIALLY SOLUBLE
PARTITION COEFFICIENT: NO DATA
AUTO IGNITION TEMPERATURE: NO DATA
DECOMPOSITION TEMPERATURES: NO DATA
VISCOSITY: N/A

10. STABILITY AND REACTIVITY

STABILITY: STABLE / WILL NOT POLYMERIZE
REACTIVITY: REACTS WITH CONCENTRATED NITRIC ACID OR CONCENTRATED SULFURIC ACID. CAN REACT WITH STRONG OXIDIZERS.
CHEMICAL STABILITY: NO DATA
POSSIBILITY OF HAZARDOUS REACTIONS: NO DATA
CONDITIONS TO AVOID: EXCESS MOISTURE OR HEAT
INCOMPATIBLE MATERIAL: INCOMPATIBLE WITH CONCENTRATED NITRIC ACID OR CONCENTRATED SULFURIC ACID. INCOMPATIBLE WITH STRONG OXIDIZERS.
HAZARDOUS DECOMPOSITION PRODUCTS: MATERIAL CAN FERMENT IF EXCESSIVE MOISTURE CONTAMINATION IS ALLOWED. FERMENTATION CAN YIELD VOLATILE COMPOUNDS WHOSE VAPORS CAN ACCUMULATE AND, IF EXPOSED TO AN IGNITION SOURCE, AND UNDER PRESSURE, MAY RESULT IN AN EXPLOSION. AVOID THESE CONDITIONS.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE:

INHALATION SKIN EYES: INGESTION: UNLIKELY

CARCINOGENICITY:

NTP: NO ARC MONOGRAPHS: NO OSHA REGULATED: NO

ACUTE:

MAY BE MECHANICAL IRRITANT TO SKIN AND EYES. EXCESSIVE INHALATION OF FEED DUSTS MAY AFFECT THE NOSE, THROAT, AND LUNGS.

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.

12. ECOLOGICAL INFORMATION

PREVENT RELEASES TO LAND OR WATER. RESULTS IN HIGH BIOLOGICAL OXYGEN DEMAND (BOD) AND POTENTIAL OXYGEN DEPLETION OF AQUATIC SYSTEMS.

13. DISPOSAL CONSIDERATIONS

DISPOSE OF WASTE MATERIAL AT AN APPROVED DISPOSAL FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

14. TRANSPORT INFORMATION

UN PROPER SHIPPING NAME: N/A

UN NUMBER: N/A

TRANSPORT HAZARD CLASS: N/A

PACKING GROUP NUMBER: N/A

ENVIRONMENTAL HAZARDS: RELEASES TO WATERWAYS MAY RESULT IN HIGH BIOLOGICAL OXYGEN DEMAND (BOD) AND POTENTIAL OXYGEN DEPLETION OF AQUATIC SYSTEMS.

BULK TRANSPORT GUIDANCE: N/A

SPECIAL PRECAUTIONS: N/A

15. REGULATORY INFORMATION

SECTION (B)(5)(III) OF THE HCS (29 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 LABELING REQUIREMENTS OF THE FOOD & DRUG ADMINISTRATION.

16. OTHER INFORMATION

Original Date: 7/9/99

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THIS GENERIC SDS IS NOT INTENDED TO SUGGEST THAT A SDS IS REQUIRED FOR ALL FEED DUST IN ALL CIRCUMSTANCES. THE MANUFACTURER OR IMPORTER SHOULD MAKE ITS OWN INTERPRETATION OF OSHA'S HCS, INCLUDING THE EXEMPTIONS IN THE STANDARD, FOR ITS SPECIFIC PRODUCT. SOME MANUFACTURERS OR IMPORTERS MAY ALSO PRODUCE A SDS FOR FEED DUST EVEN IF SUCH A SDS IS NOT REQUIRED BY OSHA'S HCS. THIS GENERIC SDS MAY BE USEFUL FOR THOSE MANUFACTURERS OR IMPORTERS.

Safety Data Sheet

Dried Molasses

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