



JBS SOUDERTON INC / MOPAC

ANIMAL PROTEIN 50%

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER: JBS SOUDERTON INC. D/B/A MOPAC RENDERING
ADDRESS: 741 SOUDER ROAD SOUDERTON, PA 18969
EMERGENCY CONTACT: 484-994-1213
TECHNICAL INFORMATION: 215-703-6085
NAME: KENNETH GILMURRAY

SECTION II - HAZARD INGREDIENTS / IDENTITY INFORMATION

COOKED ANIMAL TISSUE, BONES AND FAT NO OSHA LIMITS APPLY

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT, SPECIFIC GRAVITY, VAPOR PRESSURE, MELTING POINT
VAPOR DENSITY, EVAPORATION RATE ALL NOT APPLICABLE.
NOT SOLUBLE IN WATER
COLOR AND ODOR ARE BROWN WITH SLIGHT ODOR.

Section IV - Fire and Explosion Hazard Data

| | | | |
|--|------------------|-----|-----|
| Flash Point (Method Used) | Flammable Limits | LEL | UEL |
| Private Laboratory Dust Explosion Severity | UNKNOWN | N/A | N/A |
| & Ignition Temperature Test | | | |
| Not Determined | | | |
| Extinguishing Media | | | |

FOAM

Special Fire Fighting Procedures

SMOTHER THE FIRE, DUE TO RESIDUAL FAT CONTENT IN THE PRODUCT

Unusual Fire and Explosion Hazards

UNDER NO CIRCUMSTANCES SHOULD THIS MATERIAL BE ALLOWED TO COME IN
CONTACT WITH OPEN FLAMES AND FRICTIONAL SPARKS GENERATED DURING
BURNING AND SOLDERING OPERATIONS.

WILL NOT IGNITE WITH ELECTRICAL ARC. MINIMUM IGNITION TEMPERATURE FOR
DUST LAYER = 200C. MINIMUM IGNITION TEMPERATURE FOR DUST CLOUD = 500C.

Section V - Reactivity Data

| | | |
|---------------------------------------|----------------|---------------------|
| Stability | Unstable | Conditions to Avoid |
| Stable | Stable | XX N/A |
| Incompatibility (Materials to Avoid) | | |
| N/A | | |
| Hazardous Decomposition or Byproducts | | |
| N/A | | |
| Hazardous Polymerization | May Occur | Conditions to Avoid |
| Will Not Occur | Will Not Occur | XX N/A |

Section VI - Health Hazard Data

| | | | |
|---|-----------------|----------------------|---------------------|
| Route(s) of Entry: | Inhalation? YES | Skin? N/A | Ingestion? YES |
| Health Hazards (Acute and Chronic) NONE | | | |
| Carcinogenicity: N/A | NTP? N/A | IARC Monographs? N/A | OSHA Regulated? N/A |
| Signs and Symptoms of Exposure N/A | | | |
| Medical Conditions | | | |
| Generally Aggravated by Exposure N/A | | | |
| Emergency and First Aid Procedures NONE | | | |

Section VII - Precautions for Safe Handling and Use

| |
|---|
| Steps to Be Taken in Case Material is Released or Spilled |
| NO STEPS NECESSARY TO BE TAKEN; PRODUCT IS NOT HAZARDOUS OR TOXIC |
| Waste Disposal Method |
| RETURN TO PLANT FOR RECYCLING; OR US AS A FERTILIZER; OR LANDFILL PRODUCT WILL BIODEGRADE |
| Precautions to Be taken in Handling and Storing OPERATORS SHOULD USE GLOVES AND SAFETY GLASSES WHEN HANDLING. |
| Other Precautions A DUST MASK COULD BE USED IF PREFERRED |

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

NOT NECESSARY

Ventilation N/A

Local Exhaust N/A

Special N/A

Mechanical (*General*) N/A

Other N/A

Protective Gloves YES, GLOVES SHOULD
PROTECT FROM HEAT, EXPOSURE TO
SKIN, AND PROVIDE GRIP AS THE
PRODUCT HAS FAT CONTENT

Eye Protection
SAFETY GLASSES

Other Protective Clothing or Equipment USE OF FACE SHIELD, SPLASH GOGGLES, AND DUST
MASK IF DUSTY

Work/Hygienic Practices WASH EXPOSED SKIN WITH WARM WATER AND SOAP TO
REMOVE FROM SKIN, DO NOT INGEST NOT FOR HUMAN CONSUMPTION.

 2/12/14