



1. Identification

Product identifier WET GUMS

Other means of identification

SDS number 10359

Synonym(s) SOAP STOCK

Recommended use Animal feed supplement

Recommended restrictions Other uses are not recommended unless an assessment is completed, prior to commencement of that use, which demonstrates that the use will be controlled.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Duonix Beatrice, LP
722 Kinney Drive
Beatrice, NE
68310
United States

Telephone numbers – 24 hour emergency assistance

Chemtrec 800-424-9300
Duonix Beatrice, LP 402-228-5508

Telephone numbers – general assistance

8-5 (M-F, CST) Customer Service 402-228-5500
8-5 (M-F, CST) MSDS Assistance 316-828-7988
Email: msdsrequest@fhr.com

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Not classified.
OSHA defined hazards Not classified.

Label elements

Hazard symbol None.
Signal word None.
Hazard statement Not applicable.
Prevention Not applicable.
Response Not applicable.
Storage Not applicable.
Disposal Not applicable.

Hazard(s) not otherwise classified (HNOC) Not classified.

Supplemental information

Hazard statement When it is heated, this material may cause thermal burns.
Prevention Wear protective gloves/eye protection/face protection.

3. Composition/information on ingredients

Components	Common name and synonyms	CAS number	%
SOAPS, STOCKS, C14-18 AND C16-18-UNSATD. ALKYL		68918-37-6	0 - 100 %

Components	Common name and synonyms	CAS number	%
SOAPS, STOCKS, C16-18 AND C18-UNSATD. ALKYL		68918-38-7	0 - 100 %
Composition comments	<p>Values do not reflect absolute minimums and maximums; these values are typical which may vary from time to time.</p> <p>This Safety Data Sheet is intended to communicate potential health hazards and potential physical hazards associated with the product(s) covered by this sheet, and is not intended to communicate product specification information. For product specification information, contact your Flint Hills Resources, LP representative.</p>		
4. First-aid measures			
Inhalation	Not expected to be an inhalation hazard. However, if exposed to excessive levels of fumes, dusts, or mists, remove to fresh air and get medical attention if cough or other respiratory symptoms develop.		
Skin contact	<p>Immediately wash skin with plenty of soap and water after removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.</p> <p>Place contaminated clothing in closed container for storage until laundered or discarded. If clothing is to be laundered, inform person performing operation of contaminant's hazardous properties. Discard contaminated leather goods.</p>		
Eye contact	Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.		
Ingestion	If large quantities of this material are accidentally ingested, do not induce vomiting. Get medical attention. Keep affected person warm and at rest.		
Most important symptoms/effects, acute and delayed	<p>INHALATION: Under normal conditions, inhalation is not expected to be a problem. However, respiratory tract irritation may occur if exposed to fumes or mists.</p> <p>SKIN: Prolonged and/or repeated skin contact may result in mild irritation or redness.</p> <p>EYES: This material may contain harmful bacteria or microbes that could cause infection. May cause slight transient irritation, lacrimation (tears) and a burning sensation in the eyes. Effects may become more serious with repeated or prolonged contact.</p> <p>INGESTION: This material may contain harmful bacteria or microbes. Swallowing this material may cause stomach upset or intestinal upset with pain, nausea, and/or diarrhea.</p>		
Indication of immediate medical attention and special treatment needed	<p>Treat symptomatically.</p> <p>SKIN: Hot material may cause skin burns.</p> <p>EYES: Hot material may cause burns to the eyes. Early ophthalmologic evaluation is recommended.</p>		
5. Fire-fighting measures			
Suitable extinguishing media	Use water spray, dry chemical, carbon dioxide or fire-fighting foam for Class B fires to extinguish fire.		
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.		
Specific hazards arising from the chemical	<p>Combustion may produce COx, reactive hydrocarbons, irritating vapors, and other decomposition products in the case of incomplete combustion.</p> <p>Material will burn in a fire.</p>		

Special protective equipment and precautions for firefighters Evacuate area and fight fire from a safe distance.

Use water spray to cool adjacent structures and to protect personnel. Shut off source of flow, if possible. Stay away from storage tank ends. Withdraw immediately in case of rising sound from venting safety device or any discoloration of storage tank due to fire. Always stay away from tanks engulfed in flame.

Firefighters must wear NIOSH approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary people away; isolate hazard area and deny entry. For spills in confined areas, ensure adequate ventilation. For spills outdoors, stay upwind. IF TANK, RAILCAR OR TANK TRUCK IS INVOLVED IN A FIRE, isolate for 800 meters (1/2 mile) in all directions. Evacuate area endangered by release as required. See Exposure Controls/Personal Protection (Section 8). Wear appropriate personal protective equipment.

Methods and materials for containment and cleaning up Keep unnecessary people away. Isolate area for at least 50 meters (150 feet) in all directions to preserve public safety. For large spills, if downwind consider initial evacuation for at least 300 meters (1000 feet).

Small Spills: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Large Spills: Dike far ahead of liquid spill for later disposal. Avoid clean up procedures that may result in water pollution.

Do not touch or walk through spilled material. Stop leak when safe to do so.

See Exposure Controls/Personal Protection (Section 8).

Environmental precautions Prevent entry into water ways, sewers, basements or confined areas. Notify local authorities and National Response Center, if required.

7. Handling and storage

Precautions for safe handling Avoid contact with strong oxidizers. Prevent small spills to minimize slip hazard or release to the environment. Do not cut, grind, drill, weld or reuse empty containers unless adequate precautions are taken.

Avoid personal contact with this material. Always observe good personal hygiene measures, such as removing contaminated clothing and protective equipment, washing after handling the material and before entering public areas. Restrict eating, drinking and smoking to designated areas to prevent personal chemical contamination. Routinely wash work clothing and protective equipment to remove contaminants. Do not breathe mist.

Conditions for safe storage, including any incompatibilities Store in closed containers in a cool, isolated, well-ventilated area away from excessive heat and incompatibles. Avoid contact with strong oxidizers. Empty containers may contain material residue. Do not reuse without adequate precautions.

8. Exposure controls/personal protection

Occupational exposure limits No exposure limits noted for ingredient(s).

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Consider the following when employing engineering controls and selecting personal protective equipment: potential hazards of the material, applicable exposure limits, job activities, and other substances in the work place.

Ventilation and other forms of engineering controls are the preferred means for controlling exposures below occupational exposure limits and guidelines.

Individual protection measures, such as personal protective equipment

Eye/face protection Keep away from eyes. Eye contact can be avoided by using chemical safety glasses, goggles and/or face shield. Have eye washing facilities readily available where eye contact can occur.

Hand protection Avoid skin contact with this material. Use chemical resistant gloves when handling this material. Contact the glove manufacturer for specific advice on glove selection regarding permeability and breakthrough times for your use conditions. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. When handling hot material, use heat resistant gloves.

Other Avoid skin contact with this material. Additional protective clothing may be necessary.

Respiratory protection No special respiratory protection requirements.

Thermal hazards

Contact with hot material can cause thermal burns which may result in permanent damage. Wear appropriate thermal protective clothing. Additional protection may be necessary to prevent skin contact including use of apron, arm covers, face shield, or boots.

9. Physical and chemical properties**Appearance**

Physical state	Liquid.
Form	Not available.
Color	Clear to translucent yellow to red
Odor	Caustic
Odor threshold	Not available.
pH	Not available
Melting point/freezing point	Not available
Initial boiling point and boiling range	> 95 °F (> 35 °C)
Flash point	> 199.4 °F (> 93 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits

Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.

Vapor pressure Not available

Vapor density Not available.

Relative density Not available.

Solubility(ies) Not available

Partition coefficient (n-octanol/water) Not available

Auto-ignition temperature Not available

Decomposition temperature Not available.

Viscosity Not available

Other information

VOC (Weight %) < 40

10. Stability and reactivity

Reactivity See statements below.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions Not anticipated under normal conditions.

Conditions to avoid Avoid unventilated areas, heat, and open flames.

Incompatible materials Avoid contact with strong oxidizers. See precautions under Handling & Storage (Section 7).

Hazardous decomposition products Not anticipated under normal conditions.

11. Toxicological information**Information on likely routes of exposure**

Ingestion Likely route of exposure

Inhalation Likely route of exposure

Skin contact Likely route of exposure

Eye contact Likely route of exposure

Symptoms related to the physical, chemical and toxicological characteristics

INHALATION:
Under normal conditions, inhalation is not expected to be a problem. However, respiratory tract irritation may occur if exposed to fumes or mists.

SKIN:
Prolonged and/or repeated skin contact may result in mild irritation or redness.

EYES:
This material may contain harmful bacteria or microbes that could cause infection. May cause slight transient irritation, lacrimation (tears) and a burning sensation in the eyes. Effects may become more serious with repeated or prolonged contact.

INGESTION:
This material may contain harmful bacteria or microbes. Swallowing this material may cause stomach upset or intestinal upset with pain, nausea, and/or diarrhea.

Information on toxicological effects

Acute toxicity	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Not classified.
Respiratory sensitization	Not classified.
Skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration toxicity	Not classified.

12. Ecological information

Ecotoxicity	Material not classified as harmful to aquatic organisms.
Persistence and degradability	Not classified in terms of biodegradability.
Bioaccumulative potential	Not classified in terms of bioaccumulation in aquatic organisms.
Mobility in soil	Not classified in terms of mobility in air, soil and water.
Other adverse effects	No other adverse effects expected.

13. Disposal considerations

Disposal instructions	The transportation, storage, treatment and disposal of waste material must be conducted in compliance with federal, state, and local regulations. Under RCRA it is the responsibility of the user of the material to determine, at the time of disposal, whether this material meets RCRA criteria for hazardous waste. For additional handling information and protection of employees, see Section 7 (Handling and Storage) and Section 8 (Exposure Controls/Personal Protection).
Hazardous waste code	The proper waste code must be evaluated at the time of disposal and should be determined by the user and waste disposal company.
Waste from residues / unused products	Dispose of this material in accordance with all applicable local and national regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal in accordance with government regulations. Packaging may contain residue that can be hazardous.

14. Transport information

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not classified for MARPOL. Please contact the Transportation Compliance CSO if transportation mode is ship or vessel to determine the need for a MARPOL classification.
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General information

BILL OF LADING - BULK (U. S. DOT): Non-regulated by DOT

BILL OF LADING - NON-BULK (U. S. DOT): Non-regulated by DOT

Due to the possible variances of this material, the shipping classification must be evaluated at the time of shipment. Please consult 49 CFR 171 - 180 for specific shipping information.

15. Regulatory information**US federal regulations**

This material is not listed on the TSCA Inventory.

This material does not contain toxic chemicals (in excess of the applicable de minimis concentration) that are subject to the annual toxic chemical release reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313 (40 CFR 372).

This material contains up to 40% volatile organic compounds (VOCs) per 40 CFR Part 51.100.

Check local, regional or state/provincial regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Failure to comply may result in substantial civil and criminal penalties.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US EPCRA (SARA Title III) Section 304 - Extremely Hazardous Spill: Reportable quantity

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Hazard categories**

Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

US state regulations**US. California Proposition 65**

Based on available information this product does not contain any components or chemicals currently known to the State of California to cause cancer, birth defects or reproductive harm at levels which would be subject to Proposition 65. Reformulation or processing of this material may affect its composition and require re-evaluation.

16. Other information, including date of preparation or last revision**Issue date** 07-20-2015**Revision date** 07-20-2015**Version #** 02**Further information** Fixed equipment:
T-1255 Sludge Tank
T-1451 Wet Gums Tank
E-1451 Wet Gums Tank ExchangersRotating equipment:
A-1255 Sludge Tank Agitator
P-1255 Sludge Pump
A-1451 Wet Gums Tank Agitator
P-1451 Wet Gums Load Out PumpProcess streams:
217, 218, 219, 303, 519, 520**HMIS® ratings**Health: 0
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 0
Flammability: 1
Instability: 0

Disclaimer

THIS SDS HAS BEEN PREPARED TO COMPLY WITH FEDERAL REGULATIONS THAT ARE INTENDED TO QUICKLY PROVIDE USEFUL INFORMATION TO THE USER(S) OF THIS MATERIAL OR PRODUCT - IT IS NOT INTENDED TO SERVE AS A COMPREHENSIVE DISCUSSION OF ALL POSSIBLE RISKS OF HAZARDS, BUT RATHER PROVIDES INFORMATION GENERALLY ACCEPTED IN THE SCIENTIFIC COMMUNITY AS RELEVANT REGARDING THE POTENTIAL HAZARDS OF THIS PRODUCT. ADEQUATE TRAINING, INSTRUCTION, WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS. USERS SHOULD REVIEW THE INFORMATION IN THE SDS, AND SATISFY THEMSELVES AS TO ITS SUITABILITY AND COMPLETENESS, INCLUDING ENSURING THAT THIS IS THE MOST CURRENT SDS.

Revision Information

Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties

Completed by

Flint Hills Resources, LP - Operations EH&S