

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **Perafoam**
PRODUCT TYPE/DESCRIPTION: Water based foam additive
OTHER MEANS OF IDENTIFICATION: N/A

SUPPLIER IDENTIFIER: Athena Ag, Inc.,
4626 Lenox Avenue, Jacksonville, FL 32205
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EMERGENCY PHONE NUMBER: 1.801.629.0667

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE: Serious Eye Damage - Category 1
Skin Irritation - Category 2
Acute Toxicity - Oral Category 4
Acute Toxicity - Dermal Category 4

HAZARD STATEMENTS: Causes serious eye damage
Causes skin irritation
Harmful if swallowed
Harmful in contact with skin

PICTOGRAM: NONE / SIGNAL WORD: N/A:

DANGER



**PRECAUTIONARY STATEMENTS****PREVENTION:**

Wear protective gloves/protective clothing/eye protection/face protection.

Wash hands thoroughly after handling

Do not eat, drink or smoke when using this product.

RESPONSE:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN (or hair): Wash with soap and water. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF SKIN IRRITATION OCCURS: Get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. For specific treatment see Section 4 First Aid.

Wash contaminated clothing before reuse.

In case of fire: Use water for extinction.

Absorb spillage to prevent material damage.

DISPOSAL:

Dispose of contents/container in accordance with local regulations.

HAZARDS NOT OTHERWISE CLASSIFIED:

No other hazards classified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PROPORTION IN FINAL PRODUCT
Sodium Sulfate (SLS)	151-21-3	5-10%
Sodium Dodecylbenzene Sulfonate	25155-30-0	5-10%



SECTION 4: FIRST AID MEASURES

FOLLOWING INHALATION:

Get medical advice/attention if you feel unwell or are concerned.

FOLLOWING SKIN CONTACT:

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard.

FOLLOWING EYE CONTACT:

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.

FOLLOWING INGESTION:

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE AND DELAYED:

Causes irritation/burns that may result in permanent impairment of vision, even blindness. Contact with skin can cause irritation. May be harmful if swallowed.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISH MEDIA:

Use water spray, powder, foam, carbon dioxide.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Non combustible. May give off irritating or toxic fumes (or gasses) in a fire.

FLAMMABILITY CLASSIFICATION (OSHA 29 CFR 1910.106) (HAZCOM 2012):

Non flammable.



HAZARDOUS COMBUSTION PRODUCTS:

May cause fire and explosions when in contact with incompatible materials.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Wear appropriate personal protective equipment as specified in Section 8.
Keep unnecessary and unprotected personnel from entering.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

SMALL SPILLS (LESS THAN 1 GALLON): May be flushed to an approved sewer line (with large amounts of water).

LARGE SPILLS: Larger spills should be absorbed and collected for disposal. Ensure adequate decontamination of tools and equipment following clean up.

SPECIAL SPILL RESPONSE PROCEDURES:

Collect spills in plastic containers only. Prevent from entering sewers, waterways, or low areas.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

CONDITIONS FOR SAFE STORAGE: Store in a cool, dry, well ventilated place away from direct sunlight.

INCOMPATIBLE MATERIALS: None known

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION AND ENGINEERING MEASURES:

No additional ventilation needed

RESPIRATORY PROTECTION:

No additional respiratory protection needed.

SKIN PROTECTION:

Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.

EYE/FACE PROTECTION:

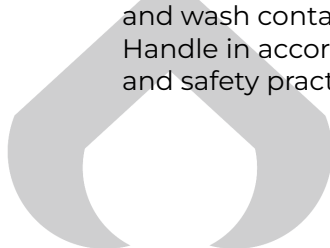
Wear safety glasses, goggles and/or face shield to prevent eye contact.

OTHER PROTECTIVE EQUIPMENT:

Eye wash facility and emergency shower should be in close proximity.

GENERAL HYGIENE CONDITIONS:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear,colorless
PHYSICAL STATE:	liquid
ODOR:	Mild soap odor
ODOR THRESHOLD:	Not applicable
SPECIFIC GRAVITY (H2O=1):	1.05 g/ml
RELATIVE DENSITY:	1.05 g/ml
pH:	6.5-7.5
MELTING POINT:	No information available
FREEZING POINT:	No information available
INITIAL BOIL POINT/RANGE:	214°F / 101°C
FLASH POINT:	No information available
EVAPORATION RATE:	
FLAMMABILITY (SOLID, GAS)	Non flammable
UPPER/LOWER FLAMMABILITY	
OR EXPLOSIVE LIMITS:	Not applicable
VAPOR PRESSURE(mm Hg):	22
VAPOR DENSITY (AIR=1):	Not applicable
SOLUBILITY:	Complete

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PARTITION COEFFICIENT, N-OCTANOL/ WATER (LOG/KOW):	Not applicable
AUTO-IGNITION TEMP. (°C):	No information available
POTENTIAL FOR DUST EXPLOSION:	Not applicable
DECOMPOSITION TEMP.	No information available
VISCOSITY:	35-55 cSt at 20°C / 68°F
VOLATILES (% BY WEIGHT):	
VOLATILE ORGANIC COMPOUNDS:	No information available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Non reactive.
CHEMICAL STABILITY:	Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	None known.
CONDITIONS TO AVOID:	None known.
INCOMPATIBLE MATERIALS:	None known.
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE:	Routes of entry - inhalation: YES Routes of entry - skin & eye: YES Routes of entry - ingestion: YES Routes of entry - skin absorption: NO
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POTENTIAL HEALTH EFFECTS SIGNS AND SYMPTOMS OF SHORT TERM (ACUTE) EXPOSURE:

INHALATION:	Not a respiratory irritant.
INGESTION:	May cause irritation to digestive system.
SKIN:	May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin. Harmful if absorbed through the skin.

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EYE: Corrosive! Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even Blindness.

POTENTIAL HEALTH EFFECTS

MUTAGENICITY: Not known to have mutagenic effects in humans or animals.

CARCINOGENICITY: No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

REPRODUCTIVE EFFECTS: No known reproductive effects in humans or animals.

SENSITIZATION TO MATERIAL: Not a known sensitizer in humans or animals.

SPECIFIC TARGET ORGAN EFFECTS: No information available

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: No known specific target organ effects.

TOXICOLOGICAL DATA

CALCULATED ATE VALUES FOR THIS MIXTURE:

ATE oral = 2000 mg/kg (rat)
ATE dermal = 2000 mg/kg (rabbit)
ATE inhalation = no information available

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Not expected to be toxic to the environment.

PERSISTENCE AND DEGRADABILITY: Not expected to persist. Readily biodegradable.

MOBILITY IN SOIL: No information available.

BIOACCUMULATIVE POTENTIAL: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

HANDLING FOR DISPOSAL:

Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

METHOD OF DISPOSAL:

Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA:

Not a listed RCRA hazardous waste.



SECTION 14: TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

US 49 CFR/DOT/IATA/IMDG INFORMATION: Non hazardous material.

ENVIRONMENTAL HAZARDS: Not a Marine Pollutant.

SECTION 15: REGULATORY INFORMATION

US FEDERAL INFORMATION

TSCA INFORMATION: No information available.

US CERCLA REPORTABLE QUANTITY (HAZARDOUS SUBSTANCE RQ): Non regulated material.

SARA TITLE III HAZARD CATEGORIES: No chemicals in this product are subject to SARA Title III reporting.



SECTION 16: OTHER INFORMATION

Legend

SARA: The Superfund Amendments and Reauthorization Act

RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

CFR: Code of Federal Regulations

DOT: Department of Transportation

ATE: Acute Toxicity Estimate

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