



Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT - COMPANY IDENTIFICATION

SOS Environmental (940) 720-6643
811 6th Street
Suite 130
Wichita, Texas 76301

PRODUCT: AMS 101™
TRADE NAMES/SYNONYMS: None
CHEMICAL FAMILY: Microbial
MSDS CREATION DATE: 05 MAR 00
SDS REVISION DATE: 01 JUN 15

SECTION 2: HAZARDS IDENTIFICATION

Physical State	Liquid
Odor and color	Faint diesel like odor. Gray to cream-colored liquid
OSHA/HCS Status	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
Emergency Overview	May be harmful if swallowed. May cause eye and skin irritation. Do not ingest. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.
Hazard Pictogram	N/A
Signal Word	N/A
Precautionary Statements	
General	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	Wear eye or face protection. Avoid release to the environment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Use and store only outdoors or in a well ventilated place
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage	Not applicable.
Handling	Not applicable.
Hazards not otherwise classified	None known.

NFPA RATINGS: (SCALE 0-4): HEALTH=0, FIRE=0, REACTIVITY=0

SECTION 3: COMPOSITION, INFORMATION ON INGREDIENTS



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The composition information and/or the composition of one of the components of this product is proprietary. This product is not hazardous as defined in 29 CFR 1910.1200. In the event of a medical emergency, spill or fire, compositional information will be revealed to responding emergency personnel.

COMPONENTS: Proprietary mixture of natural single celled organisms in an inert broth

TOXIC AND HAZARDOUS COMPONENTS: None; the mixture has no chemical impact

CAS NUMBER: Not applicable

RTECS NUMBER: Not applicable

PERCENTAGE: Proprietary mixture

PROBABLE CONTAMINANTS: Not known

SECTION 4: FIRST AID MEASURES

INHALATION: Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial resuscitation. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately.

SKIN CONTACT: Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and flush with large amounts of water until no evidence of product remains (at least 15-20 minutes). If irritation persists seek medical attention.

EYE CONTACT: Flush eyes immediately with large amounts of water or normal saline solution, occasionally lifting upper and lower lids until no evidence of chemical remains (approximately 15-20 minutes). Get medical attention if needed.

INGESTION: Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration.

NOTE TO PHYSICIAN: Antidote: No specific antidote. Treat symptomatically and supportively.

SECTION 5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD: Non-flammable

SECTION 6: ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL: Stop leak if you can without risk. For small spills, take up with sand or other absorbent material and place in containers for disposal. For larger spills, dike far ahead of spill for later disposal.



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SECTION 7: HANDLING AND STORAGE

Observe all federal, state and local regulations when storing this product. Store in a tightly closed container. Store away from incompatible substances.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS: No occupational exposure limits established by OSHA/ACGIH/NIOSH.

EYE PROTECTION: Must wear safety glasses with splash shields or safety goggles to prevent contact with this product.

EMERGENCY WASH FACILITIES: Where there is any possibility that an individual's eyes and/or skin may be exposed to this product, an eye wash fountain for emergency use.

GLOVES: Wear appropriate protective gloves, such as rubberized or latex coated canvas gauntlets, to prevent contact with this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Description	Odorless, colorless to blue/green liquid
Odor	Odorless
pH	6.5 - 8.5
Melting Point/Freezing Point	Not Established
Boiling Point	101°C (215°F)
Specific Gravity	1.0 @ 25°C (77°F)
Flash Point	N/A
Upper/Lower Flammability Point	N/A
Evaporation Rate	Not Established
VOC	N/A
Vapor Pressure	Not Established
Vapor Density	Not Established
Water Solubility	Miscible with water in all proportions.
Partition Coefficient	Not Established
Solvent Solubility	Miscible in alcohol, acetic acid and acetone
Auto-Ignition Temperature	N/A
Decomposition Temperature	Not Established
Viscosity	0.3-1.2 mPa

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Stable under normal temperatures and pressures



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CONDITIONS TO AVOID: Strong acids and alkalis will kill or neutralize organisms

INCOMPATIBILITIES: None

HAZARDOUS DECOMPOSITION: Thermal decomposition products may include small amounts of oxides of carbon.

POLYMERIZATION: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY DATA: None available

CARCINOGEN STATUS: Not available

LOCAL EFFECTS: Product may be an eye, inhalation and skin irritant.

ACUTE TOXICITY LEVEL: Not available

TARGET EFFECTS: No data available

INHALATION: Not expected pathway in normal use.

SKIN CONTACT:

Acute Exposure: Single, short exposure not likely to cause significant skin irritation. The degree of irritation depends on the concentration and duration of contact.

Chronic Exposure: Effects depend on concentration and duration of exposure. Repeated or prolonged contact could result in dermatitis or effects similar to those in acute exposure.

EYE CONTACT:

Acute Exposure: Direct contact with the product may cause irritation with redness. Tearing and eye discharge may also occur.

Chronic Exposure: Repeated or prolonged exposure may result in conjunctivitis.

INGESTION:

Acute Exposure: Not an expected pathway. May cause nausea and/or gastrointestinal tract irregularities.

Chronic Exposure: No data available.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT RATING (0-4): No data available

ACUTE AQUATIC TOXICITY: No data available

DEGRADABILITY: No data available

LOG BIOCONCENTRATION FACTOR (BCF): No data available

LOG OCTANOL/WATER PARTITION COEFFICIENT: No data available



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SECTION 13: DISPOSAL INFORMATION

Observe all federal, state and local regulations when disposing of this substance.

SECTION 14: TRANSPORT INFORMATION

DOT Shipping Name - ID Number: Non-regulated

SECTION 15: REGULATORY INFORMATION

40 CFR 302.4	CERCLA SECTION 103:	No
40 CFR 355.30	SARA SECTION 302:	No
40 CFR 355.40	SARA SECTION 304:	No
40 CFR 372.65	SARA SECTION 313:	No
29 CFR 1910.119	OSHA Process Safety	No
	California Proposition 65	No
40 CFR 370.21	SARA HAZARD CATEGORIES, SARA SECTIONS 311/312	
	ACUTE HAZARD:	No
	CHRONIC HAZARD:	No
	FIRE HAZARD:	No
	REACTIVITY HAZARD:	No
	SUDDEN RELEASE HAZARD:	No

SECTION 16: OTHER INFORMATION

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.

This information relates to the specific product designated and may not be valid for such product used in combination with any other materials or in any other processes. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. We do



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not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

S O S Environmental, Inc. reserves the right to refuse shipment of this product to any consumer who fails to demonstrate the ability to consistently handle and use it safely and in compliance with all applicable laws, rules and regulations. Such demonstration may require on-site inspection of any or all storage, processing, packaging and other handling systems that come in contact with it.

Customers are responsible for compliance with local, state and federal regulations that may be pertinent in the storage, application and disposal of this product.