

MATERIAL SAFETY DATA SHEET

AGRILIANCE, LLC

PRODUCT NAME(S)For Emergency Call: 800-228-5635 or
Chem Trec: 800-424-9300**COMPLEX**

Effective Date: 04/01/98

I. IDENTIFICATION**CHEMICAL NAME OF PRIMARY COMPONENT(S):** Fatty acids and amines.**FORMULA:** Mixture**MOLECULAR WEIGHT:** Not applicable**SYNONYMS:** Not applicable**CAS # & NAME:** Not applicable**EPA Reg No.** Not applicable**II. INGREDIENTS/SUMMARY OF HAZARDS**

(H)/INGREDIENT(S)	CAS NUMBER	OSHA HAZARD NON-HAZARD (NH)	PERCENT
Fatty acids			17.77%
Reacted amines			5.26%
Other solvents			76.97%

	NFPA ^{1/}	HMIS ^{2/}
HEALTH	2	2
FIRE	0	0
REACTIVITY	0	0

1/ National Fire Protection Association Rating

2/ Hazardous Materials Identification System

(4 = Extreme/Severe 3 = High/Serious 2 = Moderate 1 = Slight 0 = Minimum)

SARA TITLE III HAZARD CLASSIFICATION

IMMEDIATE (ACUTE) HEALTH	Yes
DELAYED (CHRONIC) HEALTH	No
FIRE	No
SUDDEN RELEASE OF PRESSURE	No
REACTIVE	No

III. PHYSICAL DATA

SPECIFIC GRAVITY: 1.0-1.1
BOILING POINT: Not determined
FREEZING POINT: Not determined
VAPOR PRESSURE: Not determined
SOLUBILITY IN WATER: Miscible
APPEARANCE: Very light yellow color
ODOR: Soapy odor

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: > 200°F (PMCC)
FLAMMABLE LIMITS IN AIR: Not determined
AUTOIGNITION TEMPERATURE: Not determined
EXTINGUISHING MEDIA: Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer or ordinary) for large fires. Water stream may spread flames.
SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should use self contained breathing apparatus and full turnout gear. Prevent runoff of fire water. Avoid exposure to smoke.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

V. REACTIVITY DATA

STABILITY: Stable under normal conditions.
CONDITIONS TO AVOID: None known
MATERIALS TO AVOID: None known
HAZARDOUS DECOMPOSITION PRODUCTS: None known
HAZARDOUS POLYMERIZATION: Will not occur

VI. HEALTH HAZARD DATA/FIRST AID PROCEDURES

TOXICOLOGY DATA:
Acute Oral LD₅₀(rat): Not determined
Acute Dermal LD₅₀(rabbit): Not determined
Acute Inhalation: Not determined
Eye Irritation (rabbit): Not determined
Dermal Irritation (rabbit): Not determined
Dermal Sensitization: Not determined

EXPOSURE LIMITS:

CHEMICAL NAME(S)	ACGIH (TLV)	OSHA (TWA)

CARCINOGENICITY, TERATOGENICITY, MUTAGENICITY: Not listed as a carcinogen by NRC, IARC or OSHA

SIGNS OF POISONING: Nausea, gastric distress

PRIMARY ROUTES OF ENTRY: Ingestion, skin/eye contact

EFFECTS OF SINGLE OVEREXPOSURE:

Swallowing: Harmful if swallowed.

Skin Absorption: May cause skin irritation.

Eyes: Causes eye irritation.

Inhalation: May cause irritation of the respiratory tract.

EFFECTS OF REPEATED OVEREXPOSURE: Prolonged or repeated overexposure may cause skin and/or eye irritation.

OTHER EFFECTS OF OVEREXPOSURE: None known

EXISTING MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: Skin contact may aggravate preexisting skin conditions. Inhalation of mists may aggravate preexisting respiratory conditions.

EMERGENCY AND FIRST AID PROCEDURES:

Swallowing: If swallowed, do not induce vomiting. Call a physician or poison control center..

Skin: Wash affected area with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing separately.

Eyes: Hold eyelids open and flush with a steady stream of water for at least 15 minutes. GET MEDICAL ATTENTION.

Inhalation: Remove victim to fresh air. If not breathing, administer artificial respiration. GET MEDICAL ATTENTION.

NOTE TO PHYSICIAN: Treat symptomatically.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Dike the area using absorbent or materials such as sand or clay. Recover and contain as much product as possible using absorbent. Clean spill area using a solution of water and detergent. Collect and contain wash water and all contaminated absorbent for disposal. If spilled on the ground, the affected area should be excavated to a depth of 1 - 2 inches. Prevent the spilled product or washings from reaching public sewers or waterways. Wear appropriate protective equipment during the cleanup. Ensure that tools and equipment are adequately decontaminated.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

CONTAINER DISPOSAL: Dispose of in an approved facility according to federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry, secure area.

VIII. SPECIAL PROTECTION INFORMATION

PROTECTIVE EQUIPMENT SHOULD BE USED DURING THE FOLLOWING PROCEDURES:

- Manufacture or formulation of this product.
- Repair and maintenance of contaminated equipment.
- Clean up of leaks and spills.
- Any other activity that may result in hazardous exposures.

RESPIRATORY PROTECTION: If misting conditions exist, use a NIOSH approved respirator for organic vapors.

VENTILATION: Local exhaust

PROTECTIVE CLOTHING: Chemical resistant gloves, coveralls, apron and foot coverings.

EYE PROTECTION: Safety goggles

USER SAFETY RECOMMENDATIONS: Safety showers and eye wash should be easily accessible.

IX. REGULATORY STATUS

TSCA INVENTORY STATUS:

TRANSPORTATION STATUS:

DOT INFORMATION: Not regulated

Container Capacity	Proper Shipping Name	Hazard Class	Label	Packing Group

SARA TITLE III

Section 302-304 (40 CFR 350): Not listed

Extremely Hazardous Substance (EHS): Not applicable

Section 312, Reporting (40 CFR 370):

SARA/OSHA Hazardous Chemical Reporting Quantity 10,000 pounds

Section 313, Toxic Chemicals: Not listed

Reportable Quantity (RQ): Not listed

RCRA HAZARDOUS WASTE: Not listed

International Right-To-Know Regulations:

X. REFERENCES

- 1) Supplier sponsored studies.

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH,
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