



Safety Data Sheet

Amicat 187

HMIS Hazard Codes

Health	1
Flammability	1
Reactivity	0

Revision Date: 30 April 2015

Print Date: 6 May 2015

SECTION 1 – IDENTIFICATION

Product Name: Amicat 187
Formula: Proprietary. In the event of a medical emergency, composition information will be provided to a Physician or Nurse.

Manufacturer: Apollo Chemical
 2001 Willow Springs Lane
 Burlington, NC 27215
 Phone : (336)226-1161
 Fax : (336)570-6246

Chemical Family: Textile Auxiliary

24 Hour Emergency Contact Information:
 CHEMTREC: Within USA & Canada (800)424-9300
APOLLO: Outside USA & Canada
 Gary Dagenhart: (864)323-2172
 Warren Roberts: (704)460-5303

SECTION 2 – HAZARD(S) IDENTIFICATION

GHS Classification:

Health	Environmental	Physical
Skin Irritation: Category 3 Eye Irritation: Category 2B Acute Toxicity Oral: Category 5	None Listed	None Listed

GHS product labeling:

GHS Label Pictogram(s):

No Symbol Required

Signal Word(s):

Warning

GHS Hazard Statement(s):

H316: Causes mild skin irritation
 H320: Causes eye irritation
 H303: May be harmful if swallowed

GHS Precautionary Statement(s):

P103: Read label before use
 P332 + P313: If skin irritation occurs, get medical attention
 P264: Wash hands thoroughly after handling.
 P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if easy to do.
 P337 + P313: If eye irritation persists, get medical attention.
 P313: Contact a doctor or poison control center if product is swallowed.

Hazard Statement(s)



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Route of Entry:	Absorption, Inhalation, Ingestion
Target Organs:	Eyes, Skin

Acute Effects

Route of Entry:	Absorption, Inhalation, Ingestion
Inhalation:	Not expected to be a relevant route of exposure. However, high vapor or aerosol mist concentrations may be irritating to the nose, throat and upper respiratory tract.
Eye Contact:	This industrial-use chemical may cause eye irritation. Symptoms may include inflammation, redness and tearing.
Skin Contact:	Prolonged or repeated contact with the undiluted product may be irritating to the skin. Symptoms may include redness and burning of the skin and other skin damage.
Ingestion:	Ingestion may cause gastrointestinal irritation. Symptoms may include abdominal discomfort, nausea, vomiting and diarrhea.

Chronic Effects

	No Product Information is available
IARC / NTP / OSHA:	Components present at 0.1% or more – None unless listed below:

*HMIS Hazard ratings involve data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, consider all available information.

Hazard Rating Scale: Minimal = 0, Slight = 1, Moderate = 2, Serious = 3, Severe = 4, an * besides Health indicates a Chronic Hazard

Precautionary statement(s)

Do not take internally. Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Avoid contact with the eyes, skin and clothing. Avoid breathing dust, vapor or mist. Wear appropriate chemical protective clothing and equipment. Always wash thoroughly after handling. Launder contaminated clothing before reuse. Avoid release to the environment.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

CAS Number	Component	Percent
Proprietary.....	Surfactant	

The chemical identity of some or all components present is confidential business information (Trade Secret) and is being withheld as permitted by 29CFR1910.1200 (i)

This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

SECTION 4 – FIRST-AID MEASURES

Inhalation:	If respiratory symptoms develop, move victim from contaminated area to fresh air. If not breathing, apply artificial respiration, preferably by mechanical means. Avoid direct mouth to mouth resuscitation. If symptoms persist, obtain medical attention immediately.
Skin Contact:	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated



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	clothing. Wash with plenty of soap and water including hair and under fingernails. Do not apply any medicated agents except on the advice from a physician. Get medical attention if needed.
Eye Contact:	Immediately flush eyes with large amounts of running water for at least 15 minutes, holding eyelids apart to facilitate irrigation of the entire surface of the eyes and lids. Do not apply any medicated agents except on the advice of a physician. Get immediate medical attention.
Ingestion:	DO NOT INDUCE VOMITING OR ADMINISTER EMETICS EXCEPT ON THE ADVICE FROM A PHYSICIAN. If victim is fully conscious, give 2 - 3 glasses of water to drink. Contact a physician, hospital or Poison Control Center immediately. Do not give anything by mouth to an unconscious person. To ensure airway is open, position with head lower than body and transport immediately to a medical facility.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point (° F):	> 200 °F
Flash Point Method:	Test Method ASTM D56-98a Tag closed Cup
Autoignition Temperature (° F):	No test data available
Lower Explosion Limit (%):	No test data available
Upper Explosion Limit (%):	No test data available
Flammability Classification:	Not applicable
Extinguishing Media:	Dry powder, foam, carbon dioxide, water or water mist. Wear self contained breathing apparatus and other protective clothing. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.
Special Fire Fighting Procedures:	Not Applicable
Unusual Fire and Explosion Hazards:	Closed container may rupture (due to build up in pressure) when exposed to extreme heat. None known for the product as delivered. Irritating and toxic substance may be emitted upon combustion, burning or decomposition of the dry solids.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spill:	Wear chemical safety glasses with side shields or chemical goggles and heavy rubber gloves. Absorb in vermiculite, sand, floor sweeping compound or other absorbent material. Place in container for chemical waste. Do not discharge to drains or surface water. (see also section 8)
Large Spill:	Remove unprotected personnel from spill area until cleanup is complete. Stop spill at source and dike area to prevent spreading. Collect excess material and transfer to chemical waste containers. Do not discharge to drains or surface water. (see also section 8)
Waste disposal:	Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable Federal, State and Local regulations. (see also section 13)



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SECTION 7 – HANDLING AND STORAGE

Handling Precautions:	Do not take internally. Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Avoid contact with the eyes, skin and clothing. Avoid breathing dust, vapor or mist. Wear appropriate chemical protective clothing and equipment. Always wash thoroughly after handling. Launder contaminated clothing before reuse. Avoid release to the environment. Open and handle the containers with care.
Storage Requirements:	Avoid areas of excessive heat. Keep from freezing. Keep container closed when not in use. Store only in approved containers and in a well-ventilated area away from incompatible materials.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Use Mechanical (general) ventilation for storage areas. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
Protective Equipment:	HMIS PPE: X Ask supervisor or safety specialist for handling instructions
	Eye and Skin Protections: Wear gloves that are chemically resistant to the material. Wear approved eye protection.
	Respiratory Protections: Where there is a potential for airborne exposures, wear NIOSH approved respiratory protections.
	Other Protective Equipment: A deluge safety shower and eye wash station must be located near the work area.
	Hygienic Practices: Avoid contact with eyes, skin and clothing. Avoid inhalation of contaminant. Wash thoroughly after handling. Do not eat, drink, use tobacco products, chew gum or apply cosmetics in area where there is a potential for exposure to the material.
	Each Company should review the protective equipment and engineering controls based on individual needs and situations to insure the safe handling of each product.

Occupational Exposure Value(s)

Chemical name (CAS #)	ACGIH (TWA)	ACGIH (STEL)	OSHA (TWA)	OSHA (STEL)

Comments: (S) = Skin, (C) = Ceiling

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to slightly hazy yellow	Boiling Point (° C):	> 212 ° F
Physical State:	Liquid	Melting Point (° C):	Not Determined
Odor:	Mild	Water Solubility:	Soluble



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(as is) pH:	6.5 – 8.5	Specific Gravity (H ₂ O = 1):	1.16
Vapor Pressure:	Not Available	Density (lbs / gal):	9.67
Vapor Density:	Estimated heavier than air	Percent Solids (%):	Not Determined
VOC (%):	Not Determined	Charge Nature:	Not Determined
Evaporation Rate:	Slower than Butyl Acetate	Molecular Weight:	Not Applicable / Mixture
Flash Point (° F):	> 200 ° F	Viscosity:	Not Determined
Partition coefficient (n-octanol/water):	Not Determined	Decomposition Temperature:	Not Determined

SECTION 10 – STABILITY AND REACTIVITY

Stability :	This product is stable under normal conditions.
Conditions to Avoid :	Avoid areas of excessive heat.
Materials to Avoid (Incompatibilities) :	Avoid contact with strong bases and acids. Avoid contact with strong oxidizing agents.
Hazardous Decomposition products :	Combustion may produce oxides of Carbon, Nitrogen, and Phosphorous.
Hazardous Polymerization :	Is not expected to occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

General:	<p>Acute Effects:</p> <p>Eye Contact: There is no test data or experience indicating eye irritation, this product, like all industrial-use chemicals, may cause eye irritation. Users should apply appropriate industrial chemical hygiene practices and avoid eye exposure.</p> <p>Skin contact: Prolonged or repeated contact with the undiluted product may be irritating to the skin. Symptoms may include redness and burning of the skin and other skin damage.</p> <p>Inhalation: Not expected to be a relevant route of exposure. However, high vapor or aerosol mist concentrations may be irritating to the nose, throat and upper respiratory tract.</p> <p>Ingestion: Ingestion may cause gastrointestinal irritation. Symptoms may include abdominal discomfort, nausea, vomiting and diarrhea.</p> <p>Product Information:</p> <p>Acute Toxicity:</p> <p>LD₅₀ Oral: No product data is available</p> <p>LD₅₀ Dermal: No product data is available</p> <p>LC₅₀ Inhalation: No product data is available</p> <p>Skin corrosion/irritation: Expected to be a mild irritant - No product data is available</p> <p>Serious eye damage/irritation: Expected to be a mild irritant - No product data is available</p>
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Aspiration hazard: Not expected to be an aspiration hazard – No product data is available

Chronic Toxicity:

Respiratory or skin sensitization: Not expected to be sensitizer - No product data is available

Germ Cell mutagenicity: Not expected to be a mutagen - No product data is available

Carcinogenicity: Not expected to be a carcinogen - No product data is available

Reproductive toxicity: Not expected to be a reproductive toxin - No product data is available

STOT-single exposure: No product data is available

STOT-repeated exposure: No product data is available

IARC / NTP / OSHA: Components present at 0.1% or more – None unless listed below:

Comments: Not Applicable

SECTION 12 – ECOLOGICAL INFORMATION

General:

Ecotoxicity: (see below)

LC₅₀: No product data is available

EC₅₀: No product data is available

Persistence and degradability: (see below)

COD: No product data is available

BOD₅: No product data is available

Biodegradability: No product data is available

Octanol/Water Partition coefficient: No product data is available

Bioaccumulative potential: No product data is available

Mobility in soil: No product data is available

Comments: Not Applicable

SECTION 13 – DISPOSAL CONSIDERATIONS

Empty Container: "Empty" containers retain product residue (liquid and/or vapor) and can be hazardous. Empty drums should be completely drained, properly bunged and properly returned to a drum reconditioner or properly disposed of. Dispose of in accordance with applicable Federal, State and Local regulations.

Waste Disposal: Dispose of drum, product or rinsing in accordance with applicable Federal, State and Local regulations.

SECTION 14 - TRANSPORT INFORMATION

UNITED STATES DOT GROUND (49 CFR)

Proper Shipping Name: Not Regulated



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Hazard Class:

ID Number:

Packaging Group:

ERG Guide:

Reportable Quantity (RQ):

Other:

WATER TRANSPORTATION (IMO / IMDG)

Proper Shipping Name: Not Regulated

Technical Name:

Hazard Class:

ID Number:

Packaging Group:

EmS Guide:

Reportable Quantity (RQ):

AIR TRANSPORTATION (ICAO / IATA)

Proper Shipping Name: Not Regulated

Technical Name:

Hazard Class:

ID Number:

Packaging Group:

ERG Guide:

The transport information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

SECTION 15 - REGULATORY INFORMATION

US FEDERAL REGULATIONS

Toxic Substances Control Act (TSCA)

All components of this product are listed on the TSCA Inventory or are exempt from TSCA Inventory requirements.

TSCA 12(b) Export Notification Rule

The following component(s) of this product are listed under the TSCA 12(b) Export Notification rule and are present at levels which could require reporting :

No component(s) listed



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CERCLA, Sections 102a / 103

If the reportable quantity of this product is accidentally spilled, the incident is subject to the provisions of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) and must be reported to the National Response Center by calling (800)424-8802.

The following component(s) are specifically listed as hazardous substances in 40 CFR 302.4 and are present at levels which could require reporting :

No component(s) listed

SARA, section 302 requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on reportable quantities (RQ's)

The following components of this product are listed as extremely hazardous substances in 40 CFR Part 355.30 and are present at levels which could require reporting and emergency planning :

No component(s) listed

SARA, Section 304 requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on reportable Quantities (RQ's)

The following components of this product are present at levels which could require reporting and emergency planning under 40 CFR Part 355.40 :

No component(s) listed

SARA, Section 313 requires submission of annual reports of release of toxic chemicals

The following components of this product are listed as toxic chemicals in 40 CFR 372.65 and are present at levels which could require reporting and customer notification under Sections 313 and 40 CFR Part 372 :

No component(s) listed

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs)

The following components of this product are listed as Hazardous Air Pollutants:

No component(s) listed

RCRA Status

Discarded product, as sold, would not be considered a RCRA Hazardous Waste. Under RCRA, it is the responsibility of the user to determine, at the time of the disposal, whether the product would meet RCRA criteria as a hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

EPA Hazard Categorization:

Immediate Health Hazard : Yes

Delayed Hazard : No

Fire Hazard : No

Reactive Hazard : No

Sudden Release of Pressure Hazard : No



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STATE REGULATIONS

California Proposition 65 : This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute, *unless specifically listed*. **No component(s) listed**

USA State Right to Know : **No component(s) listed**

Comments : MA : Massachusetts Hazardous Substance list
 PA : Pennsylvania Right to know list of Hazardous Substances
 NJ : New Jersey Hazardous Substance list
 CA: California Hazardous Substance list

INTERNATIONAL REGULATIONS

COUNTRY	REGULATORY LIST	NOTIFICATION
Canada	DSL / NDSL	Not Determined
EU	EINECS / ELINCS / NLP	Not Determined
Australia	AICS	Not Determined
Japan	ENCS	Not Determined
China	CEPA/IECSC	Not Determined
South Korea	ECL/KECI	Not Determined
Philippines	PICCS	Not Determined
New Zealand	NZIoC	Not Determined

ADDITIONAL INFORMATION

Canadian WHMIS Classification:	Not Determined
Canadian Ingredient Disclosure List :	No component(s) listed
German Consumer Protection Act :	Acceptable
Oeko – Tex Standard 100 :	Acceptable

SECTION 16 – OTHER INFORMATION

Reason Date: April 30, 2015 **Revision Type:** New Format

Disclaimer: All information, recommendations and suggestions appearing herein are based upon data believed to be reliable. However, it is the user's responsibility to determine the safety and suitability of this product for their own use. Since the actual use by others is beyond our control, **Mount Vernon Chemicals LLC** makes no guarantee or warranty, express or implied, with respect to the effect of such use, or the safety or toxicity of this product. **Mount Vernon Chemicals LLC** does not assume any liability arising out of the use of this product by others.

END OF SDS