

FOR ANY EMERGENCY, 24 HOURS / 7 DAYS, CALL: 1-800-654-6911 (OUTSIDE USA: 1-423-780-2970)
FOR ALL TRANSPORTATION ACCIDENTS, CALL CHEMTREC®: 1-800-424-9300 (OUTSIDE USA: 1-703-527-3887)
FOR ALL MSDS QUESTIONS & REQUESTS, CALL: 1-800-511-MSDS (OUTSIDE USA: 1-423-780-2347)

PRODUCT NAME: **APPLIED BIOCHEMISTS GOLD-N-CLEAR**

1. PRODUCT AND COMPANY IDENTIFICATION

Supplier

Applied Biochemists
1400 Bluegrass Lakes Parkway ,
Alpharetta, GA, 30004
United States

Telephone: +17705215999
Telefax: +17705215959
Web: www.poospacare.com

REVISION DATE: 01/24/2011
SUPERCEDES: 04/19/2001
MSDS Number: 000000012507
SYNONYMS:
CHEMICAL FAMILY: None
DESCRIPTION / USE: None established
FORMULA: None established

Manufacturer

Advantis Technologies
1400 Bluegrass Lakes Parkway
Alpharetta, GA 30004
United States of America

2. HAZARDS IDENTIFICATION

OSHA Hazard
Classification:

This product is not considered to be hazardous under OSHA 29 CFR 1910.1200.

Routes of Entry:

This product will not exert a significant adverse effect to health from any route of exposure.

Chemical Interactions:

None known.

Medical Conditions Aggravated:

None known.

Human Threshold Response Data

Odor Threshold Not established for product.

Irritation Threshold Not established for product.

Hazardous Materials Identification System / National Fire Protection Association Classifications

| <u>Hazard Ratings :</u> | <u>Health</u> | <u>Flammability</u> | <u>Physical / Instability</u> | <u>PPI / Special hazard.</u> |
|-------------------------|---------------|---------------------|-------------------------------|------------------------------|
| HMIS | 0 | 0 | 0 | |
| NFPA | 0 | 0 | 0 | |

Immediate (Acute) Health Effects

Inhalation Toxicity: Not expected to cause irritation. Not expected to be toxic by inhalation.
 Skin Toxicity: Not expected to cause irritation. Not expected to be toxic from dermal contact.
 Eye Toxicity: Not expected to cause irritation.
 Ingestion Toxicity: Not expected to be toxic by ingestion. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
 Acute Target Organ Toxicity: None known.

Prolonged (Chronic) Health Effects

Carcinogenicity: This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA.
 Reproductive and Developmental Toxicity: There are no known or reported effects on reproductive function or fetal development.
 Inhalation: There are no known or reported effects from chronic exposure.
 Skin Contact: There are no known or reported effects from chronic exposure.
 Ingestion: There are no known or reported effects from chronic exposure.
 Sensitization: Not expected to be a skin sensitizer.
 Chronic Target Organ Toxicity: None known
 Supplemental Health Hazard Information : No additional health information available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>CAS OR CHEMICAL NAME</u> | <u>CAS #</u> | <u>% RANGE</u> |
|---|--------------|----------------|
| 2-PROPEN-1-AMINIUM, N,N-DIMETHYL-N-2-PROPENYL-, C | 26062-79-3 | |

4. FIRST AID MEASURES

| | |
|---------------|---|
| Inhalation: | IF INHALED: Remove individual to fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops. |
| Skin Contact: | IF ON SKIN: Flush skin with water for 15 minutes. Take off all contaminated clothing. Seek medical attention if irritation develops. |
| Eye Contact: | IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops. |
| Ingestion: | IF SWALLOWED: Immediately drink water to dilute. Seek medical attention if symptoms develop. Never give anything by mouth to an unconscious person. |

5. FIRE FIGHTING MEASURES

Flammability Summary (OSHA): The product is not flammable., Not combustible., The substance or mixture is not classified as pyrophoric., Not explosive

Flammable Properties

| | |
|-----------------------------|---|
| Fire / Explosion Hazards: | Will not burn |
| Extinguishing Media: | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Fire Fighting Instructions: | Use water spray to cool unopened containers. In case of fire, use normal fire-fighting equipment and the personal protective equipment recommended in Section 8 to include a NIOSH approved self-contained breathing apparatus. |

6. ACCIDENTAL RELEASE MEASURES

Personal Protection for Emergency Situations: Use the personal protective equipment recommended in Section 8 and a NIOSH approved self-contained breathing apparatus.

Spill Mitigation Procedures

Air Release: Keep people away from and upwind of spill/leak.
Water Release: soluble If the product contaminates rivers and lakes or drains inform respective authorities.
Land Release: Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Do not contaminate ponds, waterways or ditches with chemical or used container.
Additional Spill Information : Prevent further leakage or spillage if safe to do so. Use personal protective equipment as required. Evacuate personnel to safe areas.

7. HANDLING AND STORAGE

Handling: Do not take internally. Avoid contact with skin, eyes and clothing. If in eyes or on skin, rinse well with water. Avoid breathing vapors, mist or gas.
Storage: Store in a cool, dry and well ventilated place. Isolate from incompatible materials. Keep out of reach of children.
Incompatible Materials for Storage: Refer to Section 10, "Incompatible Materials."

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: No exposure limits exist for the constituents of this product. Additional ventilation beyond that of general exhaust is not normally required.

Protective Equipment for Routine Use of Product

Respiratory Protection : Respiratory protection not normally needed.
Skin Protection : Impervious gloves
Eye Protection: Safety glasses with side-shields
Protective Clothing Type: impervious clothing

Exposure Limit Data

| <u>CHEMICAL NAME</u> | <u>CAS #</u> | <u>Name of Limit</u> | <u>Exposure</u> |
|----------------------|--------------|----------------------|-----------------|
| No Data Found | | | |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-----------------------|
| Physical State: | liquid |
| Form | No data. |
| Color: | yellow |
| Odor: | No data. |
| Molecular Weight: | None established |
| Specific Gravity : | 1.02 - 1.2 |
| | 20 °C |
| pH : | < 3 |
| Boiling Point: | 100 °C |
| | 212 °F |
| Freezing Point: | |
| | not applicable |
| Melting Point: | |
| | not applicable |
| Density: | |
| Bulk Density: | no data available |
| Vapor Pressure: | no data available |
| Vapor Density: | no data available |
| Viscosity: | no data available |
| Solubility in Water: | soluble in cold water |
| Partition coefficient n- octanol/water: | Not applicable |
| Evaporation Rate: | no data available |
| Oxidizing: | None established |
| Volatiles, % by vol.: | no data available |
| VOC Content | no data available |
| HAP Content | Not applicable |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|---------------------------------|
| Stability and Reactivity Summary: | Stable under normal conditions. |
| Conditions to Avoid: | Heat. |
| Chemical Incompatibility: | Strong oxidizing agents |
| Hazardous Decomposition Products: | Carbon oxides |
| Decomposition Temperature: | No data |

11. TOXICOLOGICAL INFORMATION

Component Animal Toxicology

Oral LD50 value:

2-PROPEN-1-AMINIUM, LD50 > 5,000 mg/kg Rat
N,N-DIMETHYL-N-2-
PROPENYL-, C

Component Animal Toxicology

Dermal LD50 value:

2-PROPEN-1-AMINIUM, LD50 > 20,000 mg/kg Rabbit
N,N-DIMETHYL-N-2-
PROPENYL-, C

Component Animal Toxicology

Inhalation LC50 value:

2-PROPEN-1-AMINIUM, No data
N,N-DIMETHYL-N-2-
PROPENYL-, C

Product Animal Toxicity

Oral LD50 value:

LD50 > 5,000 mg/kg rat

Dermal LD50 value:

LD50 > 2,000 mg/kg rabbit

Inhalation LC50

no data available

value:

Skin Irritation: Not expected to cause irritation.
Eye Irritation: Not expected to cause irritation.
Skin Sensitization: Not believed to be sensitising to skin.

Acute Toxicity:

There are no known or reported target organ effects from acute exposure.

Subchronic / Chronic

There are no known or reported effects from chronic exposure.

Toxicity:

Reproductive and

Developmental Toxicity:

Not known or reported to cause reproductive or developmental toxicity.

Mutagenicity:

Not known or reported to be mutagenic.

Carcinogenicity:

This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA.

12. ECOLOGICAL INFORMATION

Overview: No data for product. Individual constituents are as follows:

Ecological Toxicity Values for: 2-PROPEN-1-AMINIUM, N,N-DIMETHYL-N-2-PROPENYL-, C

| | | |
|---|---|--|
| Bluegill sunfish | - | 96 h LC50 = 0.82 - 1.3 mg/l, (40% Solution) |
| Rainbow trout (<i>Salmo gairdneri</i>), | - | 96 h LC50 0.37 mg/l (40% Solution) |
| Daphnia magna, | - | 48 h LC50= 0.9 mg/l (In clear water), (40% Solution) |
| Daphnia magna, | - | 48 h LC50= 1.2 - 2.5 mg/l, (In 50 ppm clay suspension), (40% Solution) |
| Daphnia magna, | - | 48 h LC50= 24.8 mg/l (In 1000 ppm clay suspension), (40% Solution) |

13. DISPOSAL CONSIDERATIONS

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THE MATERIAL. THE USER OF THE MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NONHAZARDOUS WASTES.

Waste Disposal Summary : If this product becomes a waste, it DOES NOT meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D. As a nonhazardous liquid waste, it should be disposed of in accordance with local, state and federal regulations.

Potential US EPA Waste Codes : not applicable

14. TRANSPORT INFORMATION

Land (US DOT): Not Regulated NOT REGULATED AS A DOT HAZARDOUS MATERIAL
Water (IMDG): NOT REGULATED AS A HAZARDOUS MATERIAL, Marine Pollutant:

No

Air (IATA): NOT REGULATED AS A HAZARDOUS MATERIAL,
Emergency Response Guide Number: Not applicable

15. REGULATORY INFORMATION

UNITED STATES:

Toxic Substances Control Act (TSCA): The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

EPA Pesticide Registration Number: None established

FIFRA Listing of Pesticide Chemicals (40 CFR 180): Not registered in the US under FIFRA.

Superfund Amendments and Reauthorization Act (SARA) Title III:

Hazard Categories Sections 311 / 312 (40 CFR 370.2):

Health None
Physical None

Emergency Planning & Community Right to Know (40 CFR 355, App. A):

Extremely Hazardous Substance Section 302 - Threshold Planning Quantity:

ZUS_SAR302 TPQ (threshold planning quantity) None established

Reportable Quantity (49 CFR 172.101, Appendix):

ZUS_CERCLA Reportable quantity None established
ZUS_SAR302 Reportable quantity None established

Supplier Notification Requirements (40 CFR 372.45), 313 Reportable Components

ZUS_SAR313 De minimis concentration None established

Clean Air Act Toxic ARP Section 112r:

CAA 112R None established

Clean Air Act Socmi:

HON SOC None established

THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. THE INFORMATION IN THIS MSDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. ARCH CHEMICALS BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION BUT, MAKES NO WARRANTY THAT IT IS. ADDITIONALLY, IF THIS MSDS IS MORE THAN THREE YEARS OLD, YOU SHOULD CONTACT ARCH CHEMICALS MSDS CONTROL AT THE PHONE NUMBER ON THE FRONT PAGE TO MAKE CERTAIN THAT THIS DOCUMENT IS CURRENT. .