
INNOVATIVE ORGANICS

MSDS

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: AmberClean 203

Manufacturer: INNOVATIVE ORGANICS
SAINT-GOBAIN CERAMIC MATERIALS
4905 East Hunter Avenue
Anaheim, CA 92807

Emergency information: Chemtrec, 1-800-424-9300

Product information: 1-714-701-3900

2. COMPOSITION INFORMATION

Component	CAS Number	%	OSHA Hazard	Exposure Limits
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PRODUCT COMPOSITION IS PROPRIETARY.

*As defined by SARA, Title 3 and California Proposition 65.

**Not Established

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Characteristics: Clear colorless liquid, mild odor.

Warning Statements: Will cause eye irritation. May cause skin irritation on prolonged or repeated exposure.

Potential Health Effects

EYES: Will cause moderate eye irritation. May cause permanent eye damage.

SKIN: Prolonged or repeated exposure may cause irritation and dermatitis.

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3. HAZARDS IDENTIFICATION (CONTINUED)

INHALATION: Not a hazard under normal conditions. May cause irritation to respiratory tract on exposure to heated vapors or concentrated mists.

INGESTION: May cause stomach ache, nausea, diarrhea, vomiting and headache.

SIGNS and SYMPTOMS: Skin/eye irritation, stomach ache, nausea, diarrhea, vomiting and headache.

4. FIRST AID MEASURES

EYES: Rinse with large quantities of water for at least 15 minutes Call a physician immediately.

SKIN: Rinse with large quantities of water for at least 15 minutes

INHALATION: Remove to fresh air.

INGESTION: Dilute stomach contents with water. Do not induce vomiting.
Call a physician immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD): 61°C (closed cup)

FLAMMABILITY CLASS: NFPA Class IIIA

FLAMMABILITY LIMITS IN AIR, % BY VOLUME: Upper 11.4, Lower 1.5

FIRE AND EXPLOSION HAZARD: Thermal decomposition can release irritating vapors.

EXTINGUISHING MEDIA: Foam, CO₂, dry powder or water spray.

FIRE FIGHTING INSTRUCTIONS: Use normal procedures for fighting chemical fires. Cool containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IF MATERIAL IS SPILLED OR RELEASED:

Eliminate all ignition sources. Stop spill at source. Contain and absorb with vermiculite or other inert material
Collect spills in appropriate containers for disposal.

SPILL PRECAUTIONS: Eliminate all ignition sources. Wear appropriate protective equipment.

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7. HANDLING AND STORAGE

STORAGE AND TRANSPORTATION CONDITIONS:

Avoid temperatures above 61°C.

HANDLING: Avoid contact with skin and eyes. Wash thoroughly after handling.

STORAGE: Store in cool area out of direct sun light. Prevent contamination and evaporation by keeping containers tightly closed when not in use.

8. PERSONAL PROTECTION AND EXPOSURE CONTROLS

RESPIRATORY PROTECTION: In areas of insufficient ventilation wear suitable organic vapor respirator.

VENTILATION: Use mechanical ventilation in confined areas.

PROTECTIVE GLOVES: Solvent resistant such as PVA.

EYE PROTECTION: Goggles recommended.

OTHER PROTECTIVE EQUIPMENT: As necessary to avoid eye and skin contact.

EXPOSURE GUIDELINES: None established.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear colorless liquid, mild odor.

BOILING POINT: 150°C

MELTING POINT: <0 °C

SPECIFIC GRAVITY (H₂O=1): 1.03

% VOLATILES BY VOLUME: 100%

WATER SOLUBILITY (% vol): Soluble

pH (neat, unless specified): n/a

VAPOR DENSITY: 4

VAPOR PRESSURE @ 20°C: 2.2 mbar

EVAPORATION RATE (BUTYL ACETATE =1): <1

10. STABILITY AND REACTIVITY

STABILITY: Product is stable. **CONDITIONS TO AVOID:** Temperatures > 61°C, strong acids, bases and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None.

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11. TOXICOLOGICAL INFORMATION

EYES: This product has not been tested.

SKIN: This product has not been tested.

INHALATION: LC50 (8 hr. /rat) >5000 mg/m3 (est.)

INGESTION: LD50 (mouse) >2500 mg/m3 (est.)

CHRONIC TOXICITY: Repeated or prolonged exposure may cause eye and skin irritation.

CARCINOGENICITY: No single component is known to be carcinogenic or mutagenic.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Expected to be toxic to fish and aquatic life.
Do not allow contact with open waters or wetlands.

ENVIRONMENTAL FATE: Readily biodegradable. Accumulation unlikely.

13. DISPOSAL INFORMATION

WASTE DISPOSAL METHODS:

Waste disposal procedures must be in accordance with government and local regulations.

It is reasonable to expect that uncontaminated product can be disposed of through a sanitary sewer or similar bio-remediation system.

EMPTY CONTAINER DISPOSAL:

Rinse product drums with clean water. Dispose of rinse water as product requiring treatment.

WASTE CLASSIFICATION: If discarded in its purchased form, this product is not a RCRA hazardous waste.

14. TRANSPORTATION INFORMATION

DOT & IATA INFORMATION

SHIPPING NAME: Ethyl lactate

HAZARD CLASS: 3

UN/NA NUMBER: UN 1192

PACKAGING GROUP: III

LABELS REQUIRED: Flammable liquid

15. REGULATORY INFORMATION

UNITED STATES FEDERAL REGULATIONS:

CERCLA SECTION 103: This product contains the following chemicals that require notification of the National Response Center of release of quantities greater than the reportable quantity:

None.

SARA SECTION 302: This product contains the following chemicals requiring emergency planning:

None.

SARA SECTION 311/312 HAZARD CATEGORIES:

Immediate health hazard.

SARA SECTION 313: This product contains the following chemicals subject to the reporting requirements of the Emergency Planning and Community Right to Know Act:

None.

STATE RIGHT-TO-KNOW REGULATIONS:

California Proposition 65: This product does not contain any chemicals known to the state of California to cause cancer or birth defects.

INTERNATIONAL REGULATIONS:

None known.

CHEMICAL INVENTORIES: This product's ingredients are on the following chemical inventories:

TSCA

16. OTHER INFORMATION

HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS)

HEALTH	1	SUMMARY OF RATINGS SCALE 0 No significant risk to health 1 Slight hazard 2 Moderate hazard 3 Serious hazard 4 Severe hazard
FLAMMABILITY	2	
REACTIVITY	0	
PERSONAL PROTECTION	C	

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ACL203.1199

Last revision: 4/4/03-DW

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DEFINITIONS

SUMMARY OF HMIS RATINGS***HEALTH HAZARD RATINGS***

- O No significant risk to health.
- 1 Irritation or minor reversible injury possible.
- 2 Temporary or minor injury may occur.
- 3 Major injury likely unless prompt action is taken and medical treatment is given.
- 4 Life-threatening, major or permanent damage may result from single or repeated exposures.

FLAMMABILITY HAZARD RATINGS

- O Materials that are normally stable and will not burn unless heated.
- 1 Materials that must be preheated before ignition will occur. Flammable liquids in this category will have flash points at or above 200°F (NFPA Class IIIB).
- 2 Materials that must be moderately heated before ignition will occur, including flammable liquids with flash points at or above 100°F and below 200°F (NFPA Class II & IIIA).
- 3 Materials capable of ignition under almost all normal temperature conditions, including flammable liquids with flash points below 73°F and boiling points above 100°F as well as liquids with flash between 73°F and 100°F (NFPA Class IB & IC).
- 4 Very flammable gases or very volatile, flammable liquids with flash points below 73°F and boiling points below 100°F (NFPA Class 1A).

REACTIVITY HAZARD RATING

- O Materials that are normally stable, even under fire conditions and will not react with water.
- 1 Materials that are normally stable, but can become unstable at high temperatures and pressures. These materials may react with water, but they will not release energy violently.
- 2 Materials that are normally unstable and will readily undergo violent chemical change, but will not detonate. These materials may also react violently with water.
- 3 Materials that are capable of detonation or explosive reaction, but require a strong initiating source or must be heated under confinement before initiation, or materials that react explosively with water.
- 4 Materials that are readily capable of detonation or explosive decomposition at normal temperatures and pressures.

PERSONAL PROTECTION INDEX DEFINITIONS

- A Safety glasses
- B Safety glasses, gloves
- C Safety glasses, gloves synthetic apron
- D Face shield, gloves, synthetic apron.
- E Safety glasses, gloves, dust respirator.
- F Safety glasses, gloves, synthetic apron, dust respirator.
- G Safety glasses, gloves, vapor respirator.
- H Splash goggles, gloves synthetic apron, vapor respirator.
- I Safety glasses, gloves, combination dust & vapor respirator.
- J Splash goggles, gloves, synthetic apron, combination dust & vapor respirator.
- K Airline hood or mask, gloves, full protective suit, boots.
- X Ask your supervisor for specialized handling directions.