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# INNOVATIVE ORGANICS

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**MSDS**

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## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

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**PRODUCT NAME:** AmberClean 527LF

**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

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## 2. COMPOSITION INFORMATION

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Component	CAS Number	%	OSHA Hazard	Exposure Limits
<i>*THIS PRODUCT DOES NOT CONTAIN ANY SIGNIFICANTLY HAZARDOUS MATERIALS. PRODUCT COMPOSITION IS PROPRIETARY.</i>				

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

\*\*Not Established

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## 3. HAZARDS IDENTIFICATION

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### Emergency Overview

**Physical Characteristics:** Clear amber liquid, pleasant odor.

**Warning Statements:** May cause eye and skin irritation, stomach ache, nausea, diarrhea, vomiting and headache

### Potential Health Effects

**EYES:** Will cause moderate eye irritation.

**SKIN:** Prolonged or repeated exposure may cause irritation.

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### 3. HAZARDS IDENTIFICATION (CONTINUED)

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**INHALATION:** Not a hazard under normal conditions.

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

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

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### 4. FIRST AID MEASURES

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**EYES:** Rinse with large quantities of water.

**SKIN:** Rinse with large quantities of water.

**INHALATION:** Remove to fresh air.

**INGESTION:** Dilute stomach contents with water or milk. Never give fluids to an unconscious person.  
Do not induce vomiting. Get immediate medical attention.

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### 5. FIRE FIGHTING MEASURES

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**FLASH POINT (METHOD):** None.

**FLAMMABILITY CLASS:** n/a

**FLAMMABILITY LIMITS IN AIR, % BY VOLUME,** Not established.

**FIRE AND EXPLOSION HAZARD:** None.

**EXTINGUISHING MEDIA:** Foam CO2 or water spray.

**FIRE FIGHTING INSTRUCTIONS:** Use normal procedures for fighting chemical fires

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### 6. ACCIDENTAL RELEASE MEASURES

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**STEPS TO TAKE IF MATERIAL IS SPILLED OR RELEASED:**

Stop spill at source. Collect spills in appropriate containers for disposal. Spill material may be neutralized with an acid, such as citric acid, prior to disposal. Un-neutralized spill material should be collected in a polyethylene container.

**SPILL PRECAUTIONS:** Caution: spill area( floors,etc...) may become slippery.

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## 7. HANDLING AND STORAGE

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### **STORAGE AND TRANSPORTATION CONDITIONS:**

Prevent product from freezing by avoiding temperatures below 0°C. If frozen, thaw and mix completely before use.

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

**STORAGE:** Store in cool area. Keep containers tightly closed when not in use.

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## 8. PERSONAL PROTECTION AND EXPOSURE CONTROLS

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**RESPIRATORY PROTECTION:** Typically unnecessary.

**VENTILATION:** General ventilation sufficient.

**PROTECTIVE GLOVES:** Latex, nitrile or PVC

**EYE PROTECTION:** Glasses or goggles.

**OTHER PROTECTIVE EQUIPMENT:** As necessary to avoid eye contact.

**EXPOSURE GUIDELINES:** None established.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE AND ODOR:** Clear amber liquid, pleasant odor.

**BOILING POINT:** ~100°C

**MELTING POINT:** <0°C

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.07

**% VOLATILES BY VOLUME:** 70-80%(water), < 1 g/l VOC (est.)

**WATER SOLUBILITY (% vol):** Soluble

**pH (neat, unless specified):** 9.50 (1% in DI water)

**VAPOR DENSITY:** Unknown

**VAPOR PRESSURE @ 20°C:** Unknown

**EVAPORATION RATE (BUTYL ACETATE =1):** <1

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## 10. STABILITY AND REACTIVITY

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**STABILITY:** Product is stable.

**CONDITIONS TO AVOID:** None.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon and nitrogen.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None.

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## 11. TOXICOLOGICAL INFORMATION

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**EYES:** This product has not been tested. Expected to be low due to toxicity of individual constituents.

**SKIN:** This product has not been tested. Expected to be low due to toxicity of individual constituents.

**INHALATION:** This product has not been tested. Expected to be low due to toxicity of individual constituents.

**INGESTION:** This product has not been tested. Expected to be low due to toxicity of individual constituents.

**CHRONIC TOXICITY:** None known

**CARCINOGENICITY:** None.

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## 12. ECOLOGICAL INFORMATION

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**ECOTOXICITY:** Product contains surfactants and is expected to be toxic to aquatic life in low concentrations.  
Do not allow contact with open wet lands.

**ENVIRONMENTAL FATE:** From BOD and COD data, this product is expected to be completely biodegradable.

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## 13. DISPOSAL INFORMATION

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**WASTE DISPOSAL METHODS:**

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

Under certain circumstances neutralized waste can be treated by reactive biomass degradation (sanitary sewage treatment).  
Contaminated waste can be incinerated or land filled depending on the nature of the contamination.

**EMPTY CONTAINER DISPOSAL:**

Rinse product containers with clean water. Dispose of as product requiring treatment.

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

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## 14. TRANSPORTATION INFORMATION

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**DOT & IATA INFORMATION**

**SHIPPING NAME:** n/a

**HAZARD CLASS:** n/a

**UN/NA NUMBER:** n/a

**PACKAGING GROUP:** n/a

**LABELS REQUIRED:** n/a

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## 15. REGULATORY INFORMATION

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### 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

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## 16. OTHER INFORMATION

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### HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS)

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

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## **DEFINITIONS**

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### *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 gasses 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 Material 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.