

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: #?? **PRODUCT NAME:** CITRUS ORANGE Floor Drain additive

MANUFACTURER: **Biotize LLC**
ADDRESS: 7329 International Place
Suite D
Sarasota, Florida 34240

24 Hour EMERGENCY PHONE: (941) 907-7788
OTHER CALLS: (941) 907-4274
FAX PHONE: (941) 907-7302

PRODUCT TYPE: DIFFUSER COMPOUND (MIXTURE)
CAS #: NOT APPLICABLE

HMS Classification	
HEALTH:	1
FLAMMABILITY:	0
REACTIVITY:	0
PERSONAL PROTECTION:	A
0=none; 1=slight; 2=moderate; 3=high; 4=extreme	

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture for which no health data exists. The hazard communication standard requires such mixtures be assumed to present the same health hazard as do the components that constitute at least 1% of the mixture (0.1% for carcinogens), although OSHA has noted that the hazards of the individual components may be altered by including them in a mixture. Components of this product that are listed as present in quantities are defined in paragraph 1910.1200 of Title 29 of the Code of Federal Regulations

<u>Component</u>	<u>CAS#</u>	<u>Source/Date</u>	<u>Value/Units</u>	<u>Type</u>	<u>Percent</u>
Water	7732-18-5	Not Determined	---	---	> 95
Fragrance #66582 ‡	Proprietary	Not Determined	---	---	< 0.1

‡ The identity of the specific components of this mixture is proprietary information and is regarded to be a trade secret.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Vapors may also cause eye irritation. Inhalation of vapors / fumes generated by heat or evaporation may cause respiratory irritation with throat discomfort, coughing or difficulty breathing. Persons with pre-existing lung or skin disorders may be more susceptible to irritating symptoms.

ROUTES OF ENTRY: Skin Contact, Eye Contact, Inhalation, Ingestion.

ACUTE HEALTH HAZARDS: May be irritating to skin, eyes and respiratory system.

CHRONIC HEALTH HAZARDS: Unknown.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not established. Unnecessary exposure to this product or any industrial chemical should be avoided. Preexisting skin disorders or asthma may be aggravated by exposure.

CARCINOGENICITY:

OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

SKIN: Remove contaminated clothing. Wash affected areas with plenty of soap and water. If irritation develops, seek medical attention.

INGESTION: Drink water or milk to dilute. Seek medical attention immediately. DO NOT induce vomiting unless instructed by a qualified health professional.

INHALATION: Remove from exposure to fresh air. If breathing has stopped or is difficult, administer artificial respiration and oxygen if available. Seek medical attention immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: In the event of a genuine medical emergency, additional information will be revealed to a qualified health professional.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: Not Applicable

METHOD USED: ASTM D6450 – Continuous Closed Cup

FLAMMABLE LIMITS: Not Determined.

EXTINGUISHING MEDIA: None Generally required.

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SPECIAL FIRE FIGHTING PROCEDURES: None Generally required.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Empty containers retain product residue (liquid or vapor) and can be dangerous. They should be rinsed with water and disposed of properly.

HAZARDOUS COMBUSTION PRODUCTS: Will not occur.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Eliminate all ignition sources. Ventilate area. Contain spill and absorb spill onto inert material. Place material into a suitable container and dispose of in accordance with local regulations. DO NOT leave soaked rags or paper in unsealed receptacles.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Use splash goggles or face shield when eye contact is possible. Respiratory protection is not generally required, if desired use NIOSH approved organic vapor respirator. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Store in a cool, dry, well ventilated area away from all sources of heat or flame.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : General, meeting ACGIH criteria as needed to control vapor.

RESPIRATORY PROTECTION: None generally required. If desired wear a NIOSH approved respirator.

EYE PROTECTION: Use splash goggles or face shield when eye contact may occur.

SKIN PROTECTION: Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Use of a rubber apron is recommended when handling large quantities of this material.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None generally required.

WORK HYGIENIC PRACTICES: Good personal hygiene practices should be used. Wash hands after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before using again.

EXPOSURE GUIDELINES: This material is intended for manufacturing use only. Contaminated equipment should be cleaned with soap and water. Do not discharge wash water into lakes, streams, ponds, or public waters.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / STATE: Clear Liquid.

ODOR: Characteristic

REFRACTIVE INDEX @ 25° C: Not Determined.

SPECIFIC GRAVITY (H₂O = 1) @ 25° C: 0.980 – 1.020

SOLUBILITY (IN WATER): YES

VAPOR PRESSURE (mmHg) @ 20° C: Not Determined.

PERCENT VOC: Not Determined.

PERCENT HYDROCARBONS: Not Determined.

EVAPORATION RATE (ETHER=1): Less than 1

VISCOSITY (FORD No. 1) @ 25° C: Not Determined.

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Product is stable under normal storage and use.

CONDITIONS TO AVOID (STABILITY): Excessive heat, sparks or open flame.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, or contamination with strong acids or alkalis.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Prolonged contact with the undiluted material may cause irritation.

CHRONIC TOXICITY: Not Determined.

THRESHOLD LIMIT VALUE: Not Available.

EFFECTS OF OVER EXPOSURE: Not Known.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No information is available.

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ENVIRONMENTAL FATE: No information is available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This material, if discarded, is not considered to be hazardous waste by EPA regulations 40 CFR 261.

SAFE HANDLING OF WASTE: Refer to section 8 for information pertaining to personal protective equipment and exposure controls when handling this material for disposal.

COMMUNITY PROVISIONS: Dispose of this material at a local, state or federally approved landfill, incinerator or recovery facility.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: ORM-D Consumer Commodity

HAZARD CLASS: Not Determined.

PACKING GROUP: Not Determined.

ADR/RID: Not Determined.

IATA: Not Determined.

UN/ NA ID NUMBER: Not Determined.

ERG: Not Determined.

IMDG: Not Determined.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT): All ingredients in this mixture are listed on the TSCA inventory.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

Fire Sudden Release of Pressure Reactivity Immediate(Acute) Delayed(Chronic)

313 REPORTABLE INGREDIENTS: This mixture contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>Generic Chemical Name or Class</u>	<u>CAS Number</u>	<u>Concentration (% by wt.)</u>
NONE FOUND		

STATE REGULATIONS:

RIGHT TO KNOW: The identities of the ingredients of this mixture are proprietary and are considered to be trade secrets.

CALIFORNIA PROPOSITION 65: This mixture contains the following chemical(s) subject to the reporting requirements of The Safe Drinking Water and Toxic Enforcement Act of 1986:

<u>Generic Chemical Name or Class</u>	<u>CAS Number</u>	<u>Concentration (% by wt.)</u>
NONE FOUND		

INTERNATIONAL REGULATIONS:

The ingredients in this mixture can be found on the following global inventories:

European Community (EINECS): YES

Australia (AICS): YES

Japan (IEC): YES

Philippines (PICCS): To be determined.

Canada (DSL): YES

China (SEPA/CICS): YES

Korea (KECI/ECL): To be determined.

WHMIS CLASSIFICATION(S): To be determined.

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Biotize LLC's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.