Safety Data Sheet
Earth Scents Super Bugz Citrus

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Earth Scents Super Bugz Citrus
PRODUCT CODE: 2840
RECOMMENDED USE: Bio-enzymatic Treatment for Organic Waste
RESTRICTIONS ON USE: None known.
COMPANY NAME: QuestSpecialty Corporation
COMPANY ADDRESS: PO Box 624, Brenham, TX 77834
COMPANY PHONE: 800-231-0454
EMERGENCY PHONE: **800-255-3924**

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Eye Damage: Category 1
HAZARD STATEMENT(S): DANGER: Causes serious eye damage.
This product contains the following percentage of chemicals of unknown toxicity**:** N/A
PRECAUTIONARY STATEMENTS: Wear eye protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.
SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Alcohols, C6-12, ethoxylated propoxylated	68937-66-6	1-5%
Alcohols, C10-16, ethoxylated propoxylated	69227-22-1	0.5-1%
4-Nonylphenol, branched, ethoxylated	127087-87-0	0.1-0.5%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops.
INHALATION: Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
SKIN: Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists. Wash contaminated clothing before reuse.
ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. Causes severe damage to eyes. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
CHRONIC HEALTH HAZARDS: None known.
NOTE TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog.
UNSUITABLE EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Non-combustible. Water spray may be used to keep fire exposed containers cool.
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and nitrogen.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.
SPILL: Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. Small releases may be wiped up with wiping material.
WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Offer drums for recycling. Do not reuse empty container. Smaller containers should be rinsed and placed in trash collection.
RCRA STATUS: Waste should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Store in a cool, dry area. Keep container tightly closed when not in use. Wash hands thoroughly after handling.
OTHER PRECAUTIONS: Keep out of the reach of children and do not store near food, drink, or animal food. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
INCOMPATIBILITY: Strong acids and bases, oxidizing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Alcohols, C6-12, ethoxylated propoxylated	Not Established	Not Established
Alcohols, C10-16, ethoxylated propoxylated	Not Established	Not Established
4-Nonylphenol, branched, ethoxylated	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust should be adequate.
RESPIRATORY PROTECTION: Not required with adequate ventilation.
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.
ADDITIONAL MEASURES: Do not touch eyes when using this product. Wash hands thoroughly with soap and water after use. Wear protective clothing to prevent repeated or prolonged contact with product.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Milky, light yellow liquid.
ODOR: Citrus.
ODOR THRESHOLD: N/D
pH: 6 - 8.
MELTING POINT/FREEZING POINT: 32 °F (0 °C).
INITIAL BOILING POINT AND BOILING RANGE: N/D
FLASH POINT: N/D
EVAPORATION RATE: Slow.
FLAMMABILITY(solid/gas): Not considered a flammable liquid by OSHA (29CFR 1910.1200).
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:
LOWER FLAMMABILITY LIMIT: N/D
UPPER FLAMMABILITY LIMIT: N/D
EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOISVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H2O=1): 0.99 - 1.02 @77 °F (25 °C).
SOLUBILITY(IES): 100% water.
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{OW}): N/D
AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None known.
CHEMICAL STABILITY: Stable.
POSSIBLE HAZARDOUS REACTIONS: None known.
CONDITIONS TO AVOID: Extremes of hot and cold. Avoid incompatibles.
INCOMPATIBLE MATERIALS: Strong acids and bases, oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Alcohols, C6-12, ethoxylated propoxylated** (68937-66-6): LD_{50} (Oral, Rat) > 5050 mg/kg; LD_{50} (Dermal, Rabbit) > 2000 mg/kg. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LD_{50} (Oral) 3314 mg/kg; LD_{50} (Dermal, Rabbit) > 3000 mg/kg.
ROUTES OF ENTRY: Eyes, Ingestion, Skin
EYES: Causes severe burns, irritation, redness, tearing, pain. May result in loss of sight.
INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting.
INHALATION: May cause respiratory tract irritation. No hazards with normal use.
SKIN: May cause irritation, dryness, localized defatting.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. Causes severe damage to eyes. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
CHRONIC HEALTH HAZARDS: None known.
CARCINOGENICITY: **OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Harmful to aquatic life with long lasting effects. **Alcohols, C6-12, ethoxylated, propoxylated** (68937-66-6): LC_{50} (*Pimepahles promelas*, 96h): 22.5 mg/L; EC_{50} (*Daphnia magna*, 48h): 14.4 mg/L. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LC_{50} (*Pimephales promelas*, 96h) 7.7 mg/L; EC_{50} (Daphnia, 48h) 21.4 mg/L.
PERSISTENCE AND DEGRADABILITY: This product is biodegradable.
BIOACCUMULATIVE POTENTIAL: No additional information available.
MOBILITY IN SOIL: This product is mobile in soil.
OTHER ADVERSE EFFECTS: An environmental hazard cannot be excluded in the event of improper handling or disposal.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Offer drums for recycling. Do not reuse empty container. Smaller containers should be rinsed and placed in trash collection.
RCRA STATUS: Waste should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S., Non-Regulated.
HAZARD CLASS/DIVISION: Not Regulated
UN/NA NUMBER: N/A
PACKING GROUP: N/A

AIR SHIPMENT
PROPER SHIPPING NAME: Cleaning Compound, N.O.S., Non-Regulated.
HAZARD CLASS/DIVISION: Not Regulated
UN/NA NUMBER: N/A
PACKING GROUP: N/A

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Cleaning Compound, N.O.S., Non-Regulated.
HAZARD CLASS/DIVISION: Not Regulated
UN/NA NUMBER: N/A
PACKING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None.
SARA 311/312 HAZARD CATEGORIES: Serious eye damage or eye irritation.
SARA 313 REPORTABLE INGREDIENTS: This product does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.
CLEAN WATER ACT: None.
STATE REGULATIONS: California Proposition 65: This product does not contain chemicals regulated by California Proposition 65.
INTERNATIONAL REGULATIONS: No information available.
VOLATILE ORGANIC COMPOUNDS (VOC): 0%

NFPA HEALTH:	2	**HMIS HEALTH:**	2
NFPA FLAMMABILITY:	0	**HMIS FLAMMABILITY:**	0
NFPA REACTIVITY:	0	**HMIS REACTIVITY:**	0
NFPA OTHER:	None	**HMIS PROTECTION:**	A

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Ginger Serafin
DATE PREPARED: 09/10/2013
REVISION DATE: 09/12/2022

N/A = Not Applicable; N/D = Not Determined

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