

SAFETY DATA SHEET

DETONATION UNIVERSAL

SECTION I: IDENTIFICATION

PRODUCT NAME: SANCTUARY DETONATION UNIVERSAL

MANUFACTURERS NAME: THE SANCTUARY, INC

ADDRESS: PO BOX 2330; Lady Lake, FL 32158

EMERGENCY TELEPHONE NUMBER: (630) 215-5660

DATE OF ISSUE: JUNE 15 2016

SECTION II: HAZARDS IDENTIFICATION

Per GHS Classification this material is not deemed hazardous under the criteria outlined in the Federal OSHA Hazard Communication standard 29CFR 1910.1200

Signal Word: None

Pictogram: None

Hazard Statement: None

Precautionary statement

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements..

Unclassified Hazards: None

Toxicity: None

Hazard(s) not otherwise classified (HNOC): None known.

Contains Bio-Safety Level One Organisms As Classified By ATCC (safest classification)

While this product does not fall under the auspices of the OSHA or WHMIS this Safety Data Sheet contains information critical to the safe handling and proper use of the product. This SDS should be retained & made available to all employees & end users of the product

SECTION III: COMPOSITION & INGREDIENT INFORMATION

Does NOT contain any hazardous ingredients to 29CFR 1910.1200 criteria

Does NOT contain any hazardous ingredients according to WHMIS criteria

SECTION IV: FIRST AID INFORMATION

SKIN: Remove contaminated clothing and wash affected area thoroughly after contact with skin. If irritation occurs consult with physician.

EYES: Flush eyes with cool water for 5 minutes, remove contact lenses and then continue flushing for another 15 minutes. Consult physician for treatment advice.

INGESTION: If conscious rinse mouth and dilute with fluids. Consult physician or poison control for further treatment advice

INHALATION: Move person to fresh air and consult physician for further treatment advice.

MOST IMPORTANT SYMPTOMS ACUTE & DELAYED: Eye irritation

IMMEDIATE TREATMENT PROTOCOL: Treat symptomatically until medical treatment is administered. Bring product label with you when seeking medical treatment.

NOTE TO PHYSICIAN : No Specific Antidote. Treatment should be based on symptoms exhibited.

SECTION V: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for underlying cause of fire.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus & full protective gear.

FLASH POINT: Product is not flammable

SPECIAL FIRE HAZARDS: None

SPECIFIC HAZARDS: None

SECTION VI: ACCIDENTAL RELEASE MEASURES AND DISPOSAL

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Prevent further leakage

or spillage if safe to do so. Avoid contamination of water sources and do not allow spill to reach sewers or drains.

LARGE SPILLS: For large spills dike area and absorb liquid with sand or some other absorptive material and place in container. Once absorptive material is removed wash area with soap and water to remove residual material.

SMALL SPILLS: Wipe up with cloth and then wash with soap & water.

Wear protective clothing (shirt, pants, shoes, socks) mop up spill. Dispose of absorptive material and or rinse in accordance with local, state & federal regulations.

REPORTABLE QUANTITY (RQ) UNDER CERCLA: NO

SECTION VII: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Do not get in eyes, breathe in mist, ingest or allow material to come in contact with clothing or skin. Upon contact with skin, hair or clothing wash affected area with soap and water. Do not use in areas with limited ventilation. Avoid prolonged exposure. Wash hands with soap and water after handling.

PRECAUTIONS TO BE TAKEN IN STORAGE: Store in original container with lid tightly secured. Store product in a cool, well ventilated place preferably on a pallet or rack system. Avoid excessive heat & sunlight. To optimize shelf life store product between 40 - 90 degrees F. Do not let product freeze.

INCOMPATIBILITY: Acids, bases, heat sources, reducing agents, disinfectants, biocides

OTHER: Always follow directions outlined on SDS & label.

SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYE / FACE PROTECTION: Eye protection (NIOSH Approved) is recommended if potential for splashing and or drift exists

HAND / SKIN PROTECTION: Wear NIOSH Approved gloves when handling undiluted concentrate

RESPIRATORY PROTECTION: None Required Under Normal Conditions. If you are handling in area with inadequate ventilation or risk of inhalation exists utilize suitable respiratory equipment such as MSHA / NIOSH TC-21C or NIOSH approved respirator.

OTHER: Wear pants, shirt, shoes and socks

ENGINEERING CONTROLS: Local exhaust or general ventilation to maintain exposure below PEL

NO PELs or TLVs established

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR: amber - brown liquid with characteristic fermentation odor

SOLUBILITY: Soluble in water

BOILING POINT: > 212° F

MELTING POINT: N/A

FREEZING POINT: 32° F

FLASH POINT: Does not flash

EVAPORATION RATE: N/A

VISCOSITY: ND

VAPOR DENSITY (Air = 1): ND

SPECIFIC GRAVITY: 1.01 - 1.02 g/ml

pH (as is): 6.0 - 7.0

* These data points are typical values based on materials tested to date. Color, body and physical data points may vary somewhat from batch to batch since organic and natural ingredients are utilized in the production of this product. These typical values do not constitute a guarantee.

SECTION X: STABILITY AND REACTIVITY INFORMATION

HAZARDOUS DECOMPOSITION PRODUCT: None known

STABILITY: Stable under normal conditions

HAZARDOUS REACTIONS OR POLYMERIZATION: None known under normal conditions

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CONDITIONS TO AVOID: Excessive heat during storage (> 100°F / 37.8°C)

SECTION XI: TOXICITY INFORMATION

ACUTE TOXICITY

Inhalation LD₅₀= ND

Oral LD₅₀= ND

Dermal LD₅₀= ND

CARCINOGENICITY REFERENCE

I.A.R.C: No

N.T.P.: No

O.S.H.A.: No

OTHER (specify): No

GENERAL PRECAUTIONS: Always practice good hygiene wash hands thoroughly after handling. Do not get in eyes or on skin. Do not ingest.

MEDICAL CONDITIONS RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: None known

PRIMARY ROUTE OF ENTRY: Eyes, skin

EFFECTS OF OVEREXPOSURE: Acute: may cause moderate eye irritation

Chronic: None known

SECTION XII: ECOLOGICAL INFORMATION

This product is not classified as environmentally hazardous. That said precautions should be taken to avoid direct discharge in to streams, lakes, waterways & storm drains as this product is not intended for use in aquatic environments.

ECOTOXICITY (AQUATIC AND TERRESTRIAL): No product specific data

PERSISTENCE AND DEGRADABILITY: No product specific data

BIOACCUMULATIVE POTENTIAL: No product specific data, however product is not expected to accumulate in soil or water based on individual components that comprise it

MOBILITY IN SOIL: No product specific data

OTHER ADVERSE EFFECTS: None observed

SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of unused product in accordance with local, state & federal regulations for Natural Soil Bacteria Protocol. Triple rinse container and recycle if available in your area. Do not contaminate water, food or feed by storage or disposal of product.

SECTION XIV: TRANSPORTATION INFORMATION

DOT SHIPPING DESCRIPTION: Not regulated

US SURFACE FREIGHT CLASSIFICATION: Fertilizing Compounds, NOI, Liquid, (NMFC 68140) Class 70

HAZARD CLASS: None (Non Hazardous)

PRIMARY HAZARD LABEL: None

SUBSIDIARY RISK LABEL REQUIREMENT: None

SECTION XV: REGULATORY INFORMATION

NFP HAZARD RATINGS FOR PRODUCT:

Health: 1

Flammability: 0

Instability: 0

HMIS HAZARD RATINGS FOR PRODUCT

Health: 1

Flammability: 0

Reactivity: 0

PPE: 0

SCALE: 0 = Least 1 = Slight 2 = Moderate 3 = Severe 4 = Severe

SARA 311: None of the ingredients are reportable under SARA 311

SARA 312: None of the ingredients are reportable under SARA 312

SARA TITLE III HAZARD CATEGORY: Immediate N, Delayed N, Fire N, Reactive N, Sudden Release of Pressure N

RCRA : This product does not contain any ingredients on RCRA P or U lists of Federal Hazardous Waste

Hazardous waste

OTHER: None of the ingredients in this material meet the definition of "Hazardous Chemical"

29 CFR1910.1200

* This product does not contain any ingredients on the Clean Air Act (CAA) list of Hazardous Waste

SECTION XVI: OTHER INFORMATION

TO THE BEST OF OUR KNOWLEDGE THIS INFORMATION IS TRUE AND ACCURATE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL WE DO NOT ASSUME ANY RESPONSIBILITY FOR THE RESULTS OF ITS USE. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RECEIVING THIS PRODUCT SHALL MAKE HIS / HER OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR THEIR PARTICULAR PURPOSE. THIS INFORMATION IS PROVIDED IN GOOD FAITH BUT WITHOUT EXPRESSED OR IMPLIED WARRANTY. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO TAKE APPROPRIATE PRECAUTIONS.