

Section 1-Identification of Product

WHMIS Classification Health: 2 Fire: 1 Stability: 1

Shark Week Kit II (Cat # 7004)

Contact Information

GenoSensor Corporation, 4665 South Ash Avenue, Suite G18, Tempe, Arizona 85282 USA
USA Telephone: 1-(480) 598-5378 Web address: www.genosensorcorp.com
General Email info@genosensorcorp.com Technical Support Email tech_service@genosensorcorp.com

Emergency Contact: In Europe, call 112. In USA, call 911

Section 2-Composition/Information

Hazardous Ingredients (Specific)	%	CAS #	LD50	LC50
Trade secret	20-60	Trade secret	N.A	N.A
Trade secret	1-30	Trade secret	N.A	N.A
Trade secret	10-40	Trade secret	N.A	N.A

Section 3-Hazard Identification

Routes of Entry	
Skin Contact Causes irritation to skin.	Symptoms include redness, itching, and pain. Causes sensitization
Skin Absorption	May be absorbed through the skin; symptoms parallel to ingestion.
Eye Contact	Causes irritation, redness, and pain.
Inhalation	Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. Excessive inhalation of vapor may cause symptoms that parallel ingestion, ranging from headache to unconsciousness, depending upon the duration and level of the exposure. Causes sensitization
Ingestion	Causes irritation to the gastrointestinal tract. Affects the central nervous system. May cause headache, dizziness, nausea, vomiting, abdominal pain, and unconsciousness. May affect the reproductive system.

Emergency Overview

WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION TO SKIN, EYES, RESPIRATORY AND GASTROINTESTINAL TRACT. AFFECTS CENTRAL NERVOUS SYSTEM. MAY AFFECT THE REPRODUCTIVE SYSTEM.

Potential Health Effects

Poison by skin contact and subcutaneous routes. Moderately toxic by ingestion, intraperitoneal, and intramuscular routes. An irritant to skin, eyes, and mucous membranes. Experimental teratogenic and reproductive effects. An eye irritant. Mutation data reported. Combustible when exposed to heat or flame; can react vigorously with oxidizing materials. Incompatible with I2, pyridine, SO3. When heated to decomposition it emits toxic fumes of NOx. Has exploded while in storage.

Section 4-First Aid Measures

Skin Contact	Remove all contaminated clothing, wash affected area with copious amounts of water, and then soap and water. Clean cloths before reusing.
Eye Contact	Flush with water for 15 minutes. Get medical attention immediately.
Inhalation	If inhaled, remove to fresh air. Get medical attention immediately.
Ingestion	If conscious, wash mouth out with copious amounts of water. Get medical attention immediately.

Section 5-Fire Fighting Measures

Flammable	May be combustible at high temperature.
Means of Extinction	Water, dry chemical, chemical foam or carbon dioxide.
Flashpoint (oC) and Method	Not available
Upper Flammable Limit (% by volume)	Not available
Lower Flammable Limit (% by volume)	Not available
Autoignition Temperature (oC)	Not available
Explosion Data – Sensitivity to Impact	Not available
Explosion Data – Sensitivity to Static Discharge	Not available
Hazardous Combustion Products	Irritating and toxic gases or carbon monoxide and ammonia may be generated by thermal decomposition or combustion.
NFPA	Health: 2 Fire: 1 Reactivity: 1

Section 6-Accidental Release Measures

Leak and Spill Procedures	Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.
---------------------------	--

Section 7-Handling and Storage

Handling Procedures and Equipment	Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Wash clothing before reuse.
Storage Requirements	Store product at +4oC. Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

Section 8-Exposure Control/Personal Protection

Exposure Limits	
ACGIH TLV	Not Listed
OSHA PEL	Not Listed
Engineering Controls (specific)	
General	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
Local Exhaust	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, <i>Industrial Ventilation, A Manual of Recommended Practices</i> , most recent edition, for details. Other N.A.
Personal Protective Equipment (specific)	
Gloves	Synthetic Gloves
Respirator	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.
Eye	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Maintain eye wash fountain and quick-drench facilities in work area.
Footwear	Closed toe shoes
Clothing	Wear appropriate protective clothing to prevent skin exposure.

Section 9-Physical and Chemical Properties

Physical State	Liquid
Odor and Appearance	Clear
Odor Threshold (ppm)	Not tested
Specific Gravity	Not tested
Vapor Density (Air=1)	Not tested
Vapor Pressure (mmHg)	Not tested
Evaporation Rate	Not tested
Boiling Point (oC)	Not tested
Freezing Point (oC)	Not tested
pH	Not tested
Coefficient of Water/Oil Distribution	Not tested
Solubility in Water]	Not tested

Section 10-Stability and Reactivity

Chemical Stability	Stable, light sensitive
Incompatible with other substances	Strong oxidizing agents, acids, bases, hygroscopic, absorbs moisture from the air. Protect from air.
Reactivity	N.A.
Hazardous Decomposition Products	Toxic fumes of ammonia, carbon monoxide, carbon dioxide, nitrogen oxides

Section 11-Toxicological Information

Acute Effects	May be harmful if inhaled, ingested, or absorbed through the skin.
Chronic Effects	The substance is toxic to kidneys, liver, and mucous membranes.
Irritancy of Product	Eyes, skin, respiratory, gastrointestinal
Skin Sensitization	Yes
Respiratory Sensitization	Yes
Carcinogenicity	
IARC (1,2A, or 2B)	Not Listed
ACGIH (A1, A2, or A3)	Not Listed
Reproductive Toxicity	Not Tested
Teratogenicity	Experimental
Embryotoxicity	In animals
Mutagenicity	Not Tested

Section 12-Ecological Information

Aquatic Toxicity	Not Tested
------------------	------------

Section 13-Disposal Considerations

Waste Disposal	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
----------------	--

Section 14-Transport Information

Special Shipping Information	
PIN	Not Listed
TDG	Not Listed
DOT	Not Listed
IMO	Not Listed
ICAO	Not Listed

Section 15-Regulatory Information

WHMIS Classification	Not Listed
OSHA	Not Listed
SARA	Acute: Yes Chronic: Yes Fire: No Pressure: No Reactivity: No
TSCA	Listed

Section 16-Other Information

This bulletin is for your guidance only, and is based upon information and tests believed to be reliable. GenoSensor makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages. The data are offered solely for your consideration, investigation, and verification. These suggestions should not be confused with state, municipal, or insurance requirements, or with national safety codes and constitute no warranty. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, and local regulations.