

AquaRNA Solution

MATERIAL SAFETY DATA SHEET

TRADE NAME: AquaRNA™ Solution

DATE OF ISSUE: August 20, 2007

SECTION I: PRODUCT AND MANUFACTURER INFORMATION

TRADE NAME: AquaRNA™ Solution

MultiTarget Pharmaceuticals, LLC

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SECTION II: COMPOSITION / INFORMATION ON INGREDIENTS

SYNONYMS: AquaRNA™

CHEMICAL CHARACTERIZATION: Proprietary aqueous solution of Guanidine Thiocyanate and other chemicals.

HAZARDOUS COMPONENT: Guanidine Thiocyanate, CAS No.: 593-84-0.

SECTION III: HAZARD IDENTIFICATION

WARNING! HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

Health Rating: 2 - Moderate (Life)

Flammability Rating: 1 - Slight

Reactivity Rating: 1 - Slight

Contact Rating: 2 - Moderate

Lab Protective Equip: GOGGLES; LAB COAT; VENT HOOD; PROPER GLOVES

Storage Color Code: Green (General Storage).

SECTION IV: FIRST AID MEASURES

IF EYE CONTACT: Immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing of eyes by separating the eyelids with fingers.

IF SKIN CONTACT: Immediately wash skin with soap and copious amounts of water.

IF SWALLOWED: Wash out mouth with water provided person is conscious. Call a physician.

SECTION V: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishing media appropriate to surrounding fire conditions.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

SECTION VI: ACCIDENTAL RELEASE MEASURES

PRECAUTIONARY MEASURES: Wear self-contained breathing apparatus, chemical safety goggles, rubber boots, and heavy rubber gloves.

CLEAN-UP PROCEDURES: Absorb on sand or vermiculite and place in closed container for disposal. Ventilate area and wash spill site after material pick-up is complete.

SECTION VII: HANDLING AND STORAGE

STORAGE: Store tightly closed at 4-25 °C.

SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Chemical safety goggles. Rubber gloves. Safety shower and eye bath. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE / FORM: Liquid
COLOR: Light yellow
ODOR: None
pH: (20 °C) N/V
VISCOSITY: (20 °C) N/A
MELTING POINT: N/A
BOILING POINT: N/A
IGNITION TEMPERATURE: N/A
FLASHPOINT: N/A
EXPLOSION LEVEL: N/A
VAPOR PRESSURE: (20 °C) N/A
SPECIFIC GRAVITY: (20 °C) N/A
SOLUBILITY IN WATER: (20 °C) Soluble

SECTION X: STABILITY AND REACTIVITY

Stable under normal conditions of use, temperature and pressure.
SUBSTANCES TO BE AVOIDED: Strong oxidizing agents, strong acids, and acid chlorides
HAZARDOUS, COMBUSTION, OR DECOMPOSITION PRODUCTS: N/A

SECTION XI: TOXICOLOGICAL INFORMATION

TOXICITY DATA: N/A
INHALATION: May be harmful by inhalation.
EYE CONTACT: May cause eye irritation.
SKIN CONTACT: May cause skin irritation, may be harmful by skin absorption.
INGESTION: May be harmful if swallowed.
PROLONGED EXPOSURE: N/A
CHRONIC EFFECTS: N/A
RTECS NUMBER: For Guanidine Thiocyanate: XL1225000
ADDITIONAL INFORMATION: THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED. Additional harmful properties cannot be ruled out. The product should be handled with the normal caution accorded chemicals.

SECTION XII: ECOLOGICAL INFORMATION

N/A

SECTION XIII: DISPOSAL CONSIDERATIONS

There are no uniform regulations for the disposal of chemicals or residues. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION XIV: TRANSPORT INFORMATION

DOT: None of the components are regulated.

SECTION XV: REGULATORY INFORMATION

CAS # 593-84-0: Not listed on SARA, TSCA, EPA, IARC, NTP, TLV, MAK, NIOSH-Ca, OSHA-Ca

SECTION XVI: OTHER INFORMATION

DATE OF PREPARATION: August 20, 2007.
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