

Adelda Health, Inc.
607 Main Avenue
Norwalk, CT 06851
914-764-5180
Safety Data Sheet

Section 1: Identification

PRODUCT NAME: HgX MERCURY DECONTAMINANT POWDER
APPLICATION: PROPRIETARY BLEND OF MATERIALS DESIGNED AND TESTED TO CHEMICALLY BIND FREE MERCURY AND MERCURY VAPOR.
EMERGENCY CONTACT: INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053

Section 2: Hazard(s) Identification

SECTION 2A: PHYSICAL HAZARDS N/A
SECTION 2B: HEALTH HAZARDS
THRESHOLD LIMIT VALUE: TLV (ACGIH): NOT ESTABLISHED FOR THIS MIXTURE.
SKIN: PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE IRRITATION.
EYES: CONTACT WITH EYES WILL CAUSE IRRITATION.
INHALATION: NOT LIKELY IN NORMAL USE. MAY CAUSE RESPIRATORY IRRITATION.
INGESTION: INGESTION OF GROSS QUANTITIES CAN BE HARMFUL.
CARCINOGENICITY: NO INGREDIENTS ABOVE 0.1% IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

Section 3: Composition/Information on Ingredients

MIXTURE: Yes No
NO MATERIALS USED TO MANUFACTURE THIS PRODUCT ARE HAZARDOUS.
SODIUM THIOSULFATE, ANHYDROUS: CAS # 7772-98-7
ETHYLENEDIAMINETETRAACETATE, TETRASODIUM SALT. CAS # 194491-31-1

Section 4: First-Aid Measures

SKIN: WASH OFF WITH MILD SOAP AND WATER. IF IRRITATION DEVELOPS CONTACT A PHYSICIAN.
EYES: RINSE WELL WITH COOL RUNNING WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.
INHALATION: IF IRRITATED, REMOVE TO FRESH AIR. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.
INGESTION: DRINK LARGE AMOUNTS OF WATER OR MILK. GET MEDICAL ATTENTION.

Section 5: Fire-Fighting Measures

FLASH POINT: N.A. MATERIAL IS NON-FLAMMABLE.
FLAMMABLE LIMITS: N.A.

FIRE EXTINGUISHING MEDIA: SUITABLE FOR SURROUNDING MATERIALS (FOAM, DRY CHEMICAL, CO₂).
SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES. AVOID SKIN AND EYE CONTACT WITH LIQUID.
UNUSUAL FIRE AND EXPLOSION HAZARD:
THERMAL DECOMPOSITION WILL LIBERATE IRRITATING ACID FUMES AND SMOKE.

Section 6: Accidental Release Measures

PRECAUTIONS: N/A
PROCEDURES: WEAR GLASSES AND NITRILE IMPERVIOUS GLOVES TO AVOID EXCESSIVE CONTACT.
WIPE UP SPILLS
WITH DAMP CLOTH OR TOWEL. CLEAN OFF RESIDUES WITH WATER.

Section 7: Handling and Storage

KEEP CONTAINERS TIGHTLY CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. DO NOT MIX WITH ANY OTHER CHEMICALS. FOR LABORATORY OR OFFICE USE ONLY. KEEP OUT OF REACH OF CHILDREN. AVOID HEAT AND DIRECT SUNLIGHT. NORMAL PRECAUTIONS OF GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

Section 8: Exposure Controls/Personal Protection

VENTILATION: MECHANICAL (GENERAL) EXHAUST IS ACCEPTABLE.
SKIN: VINYL OR NITRILE EXAM GLOVES VINYL OR NITRILE EXAM GLOVES.
EYES: SAFETY GLASSES OR SPLASH GOGGLES. NEVER WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.
RESPIRATORY: NONE REQUIRED IN NORMAL USE.
OTHER: EYE WASH STATION.

Section 9: Physical and Chemical Properties

APPEARANCE: PALE YELLOWISH POWDER. CHARACTERISTIC ODOR OF SULFUR.
PH OF SOLUTION: APPROX. 9 (SLIGHTLY ALKALINE)
MELTING POINT: N/A
BOILING POINT: N/A
SPECIFIC GRAVITY: (H₂O=1): 1 @ 680F
EVAPORATION RATE: N/A
VAPOR DENSITY: (AIR =1): N/A
PERCENT VOLATILE: 0%
VAPOR PRESSURE: (mm Hg): N/A
WATER SOLUBILITY: ALMOST COMPLETE IN WARM WATER.

Section 10: Stability and Reactivity

STABILITY: STABLE WHEN DRY.
CONDITIONS TO AVOID: EXTREME HEAT.
INCOMPATIBILITY (MATERIALS TO AVOID): ACIDS, OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL LIBERATE IRRITATING ACID FUMES. IN EVENT OF A FIRE, RESPONDER SHOULD WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.
REACTIVITY WITH WATER: NONE

Section 11: Toxicological Information

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:
SKIN: PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE IRRITATION.

EYES: CONTACT WITH EYES WILL CAUSE IRRITATION.
INHALATION: NOT LIKELY IN NORMAL USE. MAY CAUSE RESPIRATORY IRRITATION.
INGESTION: INGESTION OF GROSS QUANTITIES CAN BE HARMFUL.
CHRONIC EXPOSURE: NO HUMAN DATA REPORTED
SENSITIZER: NO HUMAN DATA REPORTED
CARCINOGENICITY: NO INGREDIENTS ABOVE 0.1% IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.
TERATOGENICITY: NO HUMAN DATA REPORTED
EMBRYOTOXICITY: NO HUMAN DATA REPORTED
MUTAGENICITY: NO HUMAN DATA REPORTED
PRE-EXISTING CONDITIONS: N/A

Section 12: Ecological Information* (non-mandatory)

ECOTOXITY: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT.
DEGRADABILITY: EXPECTED TO BE BIODEGRADABLE.
BIOACCUMULATION: NOT EXPECTED TO BIOACCUMULATE.
MOBILITY IN SOIL: EXPECTED TO BE HIGH. COMPONENTS ARE WATER SOLUBLE.

Section 13: Disposal Considerations* (non-mandatory)

DISPOSE OF TOWELS USED IN CLEAN-UP IN REGULAR TRASH. MATERIALS RINSE OFF WITH WATER ARE BIODEGRADABLE AND CAN ENTER SEPTIC OR SANITARY SEWER SYSTEMS.

Section 14: Transport Information* (non-mandatory)

UN NUMBER: N/A
SHIPPING NAME: N/A
CLASS: N/A
PACKING GROUP: N/A
MARINE POLLUTANT: N/A
WARNING SYMBOL: N/A
OTHER: THE MATERIAL, IN LAB QUANTITIES, IS NOT REGULATED AS A HAZARD IN TRANSPORTATION BY THE US DOT.
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Section 15: Regulatory Information* (non-mandatory)

LABELING: N/A
NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 0 REACTIVITY: 0 SPECIAL PROTECTION: B
NATIONAL REGULATIONS:
TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST.
SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.
SARA SECTION 313: N/A
INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.
FOREIGN REGULATIONS: ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

Section 16: Other Information

SDS PREPARED FOR STAR REFINING BY AMERICAN DENTAL SUPPLY, INC. BASED ON INFORMATION SUPPLIED BY
ACTON TECHNOLOGIES.
TOXICOLOGICAL PROPERTIES OF THIS MATERIAL HAVE NOT BEEN COMPLETELY EVALUATED AT THIS