

MATERIAL SAFETY DATA SHEET

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DATE OF PREPARATION: 5/2/2011

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME: Liquid Carbonate Buffer

PRODUCT NUMBER: 180 / 181

PRODUCT CLASS: Aquarium Additive

SECTION 2 COMPOSITION

Aqueous Solution of Non-hazardous inorganic salts.....100%

SECTION 3 HAZARDS IDENTIFICATION

EYE: May cause moderate to severe eye irritation with corneal injury, which may be slow to heal.

SKIN CONTACT: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation. May cause more severe response if skin is abraded or if material is confined to skin.

INGESTION: Ingestion may cause gastrointestinal irritation or ulceration.

INHALATION: NA

SECTION 4 FIRST AID MEASURES

EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN: Wash off in flowing water or shower.

INGESTION: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION: Non-combustible

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

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None

SPECIAL FIREFIGHTING PROCEDURES: None

SECTION 6**ACCIDENTAL RELEASE MEASURES**

Evacuate area. Wear rubber gloves and goggles. Mop up and hold for waste disposal. Observe all Federal, State and local environmental regulations.

SECTION 7**HANDLING AND STORAGE**

Wear eye protection and rubber gloves. Avoid contact with eyes, mouth, skin and clothing. Do not use if skin is cut or scratched. Wash thoroughly after handling. Wash hands before eating or smoking. Do not eat or smoke when using. Keep tightly closed when not in use. Store above 60 deg. F, but not over 100 deg. F. Store away from acids and metals.

SECTION 8**PERSONAL PROTECTION**

Wear rubber gloves and goggles.

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

BOILING RANGE: 100 deg. C VAPOR DENSITY: <1 Heavier Than Air EVAPORATION RATE: Slower Than Ether
DENSITY: 9.65 lbs/gallon

SECTION 10**STABILITY AND REACTIVITY**

STABILITY: (Conditions to avoid) Decomposes > 350 deg F

INCOMPATIBILITY: (Specific materials to avoid) Liquid Carbonate Buffer will: Corrode most metals exposed to air; attack aluminum (and its alloys) and yellow brass; react with sulfuric acid to form hydrogen chloride which is corrosive, irritating and reactive.

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11**DISPOSAL CONSIDERATIONS**

Dispose in accordance with all applicable federal, state and local regulations.

SECTION 12**TRANSPORTATION INFORMATION:**

Is not a hazardous material according to DOT regulations.

SECTION 13**OTHER INFORMATION**

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