

MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME:
E S V AQUARIUM PRODUCTS INC.
210A ENGINEERS DRIVE
HICKSVILLE, NY 11801

24 HOUR EMERGENCY PHONE: 800-424-9300
E S V AQUARIUM PRODUCTS, INC.
INFORMATION PHONE: 516-605-0531

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SECTION 1

PRODUCT IDENTIFICATION

PRODUCT NAME: - Sodium Chloride Component of B-Ionic Seawater System

PRODUCT NUMBER: 230 / 231 / 232

PRODUCT CLASS: Aquarium Additive

CHEMICAL NAME: Sodium Chloride (salt)

CHEMICAL FAMILY: Inorganic Salt (alkali metal - halogen)

SECTION 2

HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS = NONE

CAS REGISTRATION & EPA TOXIC SUBSTANCES INVENTORY NUMBER = Sodium Chloride (>99%) (7647-14-5)

SECTION 3

PHYSICAL DATA

BOILING POINT (°C) @ 760 mm = 1465

VAPOR PRESSURE (mm Hg) @ 746.9°C = 2.4

VAPOR DENSITY = NA

SOLUBILITY IN WATER (g/100cc) = 35.7 @ 0°C, 36.0 @ 20°C

APPEARANCE & ODOR = Solid white or off-white crystalline material is odorless

SPECIFIC GRAVITY (H₂O = 1) = 2.165

% VOLATILE (by volume) = NA

EVAPORATION RATE = NA

SECTION 4

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT = NONE

FLAMMABLE LIMITS = Not Flammable

SPECIAL/UNUSUAL FIRE FIGHTING PROCEDURES/HAZARDS = NONE/ Not Combustible

NATIONAL FIRE PROTECTION ASSOCIATION CODE = 000

EXTINGUISHING MEDIA = NA

EXPLOSIVE LIMITS = Not Explosive

SECTION 5

HEALTH HAZARD DATA

THRESHOLD LIMIT VALUES = Rats: Oral LD₅₀ = 3.75 g/kg; MLD I.V. = 2.5 g/kg

EFFECTS OF OVERDOSE OR OVEREXPOSURE = No acute systemic, chronic systemic or chronic local toxicity.

In sensitive persons some dermal or eye irritation effects, or after excessive ingestion, edema and/or temporary elevated blood pressure effects. Gavage ingestion of 15-50g may induce vomiting resulting in partial vacating of stomach Contents.

EMERGENCY & FIRST AID PROCEDURES = Skin and eyes: Flush with water; Ingestion: High fluid intake facilitates Urinary excretion and relief of edema and temporary elevated blood pressure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE = NA

Sodium Chloride Component Of B-Ionic Seawater System

SECTION 6**REACTIVITY DATA**

STABILITY = Stable

CONDITIONS TO AVOID = Concentrated acids such as sulfuric or nitric

HAZARDOUS DECOMPOSITION PRODUCTS = Hydrochloric acid from above acid mixtures with salt.

HAZARDOUS POLYMERIZATION = NONE. Will not occur.

SECTION 7**SPILLS OR LEAKS PROCEDURES**

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK = Non-hazardous. Sweep up and flush with water.

DOT CLASSIFICATION = Non-corrosive.

WASTE DISPOSAL METHODS = Dry to land fill or dissolve in sufficient amounts of water to meet local existing water quality standards.

SECTION 8**SPECIAL PROTECTION & PRECAUTIONS**

VENTILATION = Local exhaust not necessary. Mechanical control dust collection may be used.

PERSONAL PROTECTION EQUIPMENT = Eye goggles and gloves optional and respirator unnecessary, but all may be used for comfort.

PRECAUTIONS (HANDLING/STORAGE) = Store under DRY (less than 75% R.H.) conditions to prevent CAKING of salt. Store on pallets under protective cover. Do not store cases/bags directly on damp or concrete floors. Avoid PRES-SURE PACKING/CAKING of bags by stacking pallets no greater than 3 high.

SECTION 9**OTHER INFORMATION**

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