

MSDS REPORT

PREPARATION DATE: 8/12/2004

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : EZ-RV DRINK WATER FRESH (BLEND)
PRODUCT CODE : V88459 Date: 08/12/2004
PRODUCT USER/CLASS : Specialty Chemical
SUPPLIER : VALTERRA PRODUCTS, INC.
15230 SAN FERNANDO MISSION BVD
SUITE 107
MISSION HILLS, CA 91345

MANUFACTURER : PAK TECHNOLOGIES
PAK TECHNOLOGIES
PO BOX 090080
MILWAUKEE, WI 53209

Emergency Telephone Number : Chemtrec (24 hour) 800-424-9300,

PREPARER: Zack Steuerwald,

PHONE: 414-438-8600

PREPARE DATE: 08/12/2004

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

SrNo	CHEMICAL NAME	CAS NUMBER
1	Sodium percarbonate	015630-89-4
2	Sodium bicarbonate	000144-55-8

EXPOSURE LIMITS

SrNo	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
1	N.E.	N.E.	N.E.	N.E.	N.E.	NO
2	N.E.	N.E.	N.E.	N.E.	N.E.	NO

SECTION 3 - HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY: 1. Skin Contact, 2. Inhalation, 3. Ingestion, 4. Eye Contact

*** EMERGENCY OVERVIEW ***: Harmful if inhaled. May cause delayed lung damage. Causes eye irritation. May cause allergic skin reaction. Inhalation irritant.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Severely irritating, if not removed promptly, will injure eye tissue, which may result in permanent damage.

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SECTION 3 - HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). TAKE PRECAUTIONS

EFFECTS OF OVEREXPOSURE - INHALATION: No hazard in normal industrial use. Dusts may irritate respiratory tract! Breathing product may irritate the nose and throat and cause coughing and chest discomfort.

EFFECTS OF OVEREXPOSURE - INGESTION: No hazard in normal industrial use. Irritating to mouth, throat and stomach. May cause discomfort, nausea, vomiting, diarrhea, if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause lung damage. Repeated skin contact may cause a persistent irritation or dermatitis. No additional effects from repeated overexposure are available currently.

TARGET ORGANS: Lung Skin Eyes Gastrointestinal

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

FIRST AID - SKIN CONTACT: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Dilute by ingesting large quantities of water.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT : N.D.

LOWER EXPLOSIVE LIMIT: N.D

UPPER EXPLOSIVE LIMIT: N.D.

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: 1. CO2, 2. Dry Chemical, 3. Foam, 4. Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Will not burn, but decomposition will release oxygen which will increase the explosive limits and burning rate of flammable vapors.

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Use copious quantities of water to extinguish.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: If spill is dry, use a broom, shovel, or any similar means to recover product. Avoid dust generation and use appropriate respiratory protection. Follow all government regulations. Evacuate area of unprotected personnel. Eliminate all sources of ignition. Provide adequate ventilation. Flush area with water to remove residual contamination.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Avoid breathing dust.

STORAGE: Keep away from heat, sparks and flame. Keep container closed when not in use. Avoid storing next to strong acids. This product should be stored in clean, dry areas. This product should be stored in clean, dry areas.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. If exposure limits are exceeded or if irritation is experienced, NIOSH approved respiratory protection should be worn.

SKIN PROTECTION: The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Rubber or Neoprene.

EYE PROTECTION: Wear chemical safety glasses with side shields or goggles. DO NOT WEAR CONTACT LENSES.

OTHER PROTECTIVE EQUIPMENT: Wear suitable protective clothing to minimize and/or prevent contact. An eye-wash and safety shower should be present in the immediate area when handling this product.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE : N.D.

VAPOR DENSITY : N/A

ODOR : N.D.

ODOR THRESHOLD : N.D.

APPEARANCE : White, free-flowing

EVAPORATION RATE : N/A

SOLUBILITY IN H₂O : Soluble

FREEZE POINT : N.D.

VAPOR PRESSURE : N.D.

SPECIFIC GRAVITY : 1.17

pH @ 0.0 % : N.D.

PHYSICAL STATE : Powder

VISCOSITY : N.D.

COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D.

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, sparks, and open flames. Hygroscopic - Protect from moisture. This material is stable under normal conditions. Strong acids

INCOMPATIBILITY: Bases. Reducing agents. Acids.

HAZARDOUS DECOMPOSITION PRODUCTS: May liberate carbon monoxide or carbon dioxide. Sodium oxides Heat.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No product or component ecological information is available.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Follow all federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: NOT DOT REGULATED

DOT TECHNICAL NAME:

DOT HAZARD CLASS: Not DOT Regulated

HAZARD SUBCLASS:

DOT UN/NA NUMBER:

PACKING GROUP:

RESP. GUIDE PAGE:

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA Hazard Categories promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

-----CHEMICAL NAME -----CAS NUMBER WT/WT % IS LESS THAN

No SARA SECTION 313 components exist in this product

TOXIC SUBSTANCES CONTROL ACT:

The chemical substances in this product are on the TSCA Section 8 inventory

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from United States:

-----CHEMICAL NAME ----- CAS NUMBER

No information is available

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SECTION 15 - REGULATORY INFORMATION
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INTERNATIONAL REGULATIONS: AS FOLLOWS:-

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 08/12/2004

REASON FOR REVISION :

LEGEND: N.A. - Not Applicable, N.E - Not Established, N.D. - Not Determined

DISCLAIMER

The information contained on this MSDS has been evaluated and should be accurate.
However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.
