# HYDRO-ORGANICS WHOLESALE, INC. MATERIAL DATA SAFETY SHEET **EARTH JUICE PRODUCTS**

**REVISED 03/05/08** 

**GENERAL INFORMATION** 

PRODUCT NUMBER: H84011- H84020

PRODUCT NAME: EARTH JUICE NATURAL DOWN

PRODUCT CLASS: Organic Acid (Chemical name: 2-hydroxy-1,2,3 propanetricarboxylic acid)

CHEMICAL NAME AND SYNONYMS: EARTH JUICE NATURAL DOWN, Citric acid.

PRECAUTIONS: Avoid contact with eyes & skin.

**HAZARDOUS INGREDIENTS** SECTION II:

None listed

**SECTION III:** PHYSICAL/CHEMICAL DATA

**BOILING POINT: N/A** 

% VOLATILE BY WEIGHT: N/A VAPOR DENSITY: Not Determined

VAPOR PRESSURE (MM HG): Not Determined SOLUBILITY IN WATER: 59.2 g /100g at 68F (20 C)

SPECIFIC GRAVITY (H20-1): N/A

pH: N/A

APPEARANCE AND ODOR: White, odorless with a strong acid taste

FIRE AND EXPLOSION DATA **SECTION IV:** 

FLASH POINT: N/A

**EXPLOSIVE LIMITS: Not determined** 

EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Water. Firefighters should be equipped with self-contained breathing apparatus protect against potentially toxic and irritating fumes.

UNUSUAL FIRE EXPLOSION HAZARDS: Avoid creating an accumulation of dust. Dust can form explosive mixture with air.

## **REACTIVITY DATA SECTION V:**

STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: INCOMPATIBILITY: Avoid strong alkalines.

#### **SECTION VI: HEALTH HAZARD DATA**

EFFECTS OF OVEREXPOSURE/ EMERGENCY AND FIRST AID PROCEDURES:

EYES: Avoid contact with eyes. Flush eyes with plenty of water for at least 15 minutes, call a physician immediately.

SKIN: Wash off skin with plenty of water for at least 15 minutes.

INHALATION: If dust causes irritation or distress, remove to fresh air. If breathing is difficult give oxygen, call a physician.

INGESTION: If swallowed, consult a physician immediately.

RESPIRATORY PROTECTION: Work ambient concentrations should be monitored. A NIOSH/MSHA approved dust respirator

should be worn.

### **SECTION VII:** SPILL, LEAK, AND DISPOSAL PROCEDURES

STORAGE TEMPERATURE (min/max): Max 405 F ( 207 C) Product deteriorates.

SHELF LIFE: Not Established SPECIAL HANDLING: None Known

WASTE DISPOSAL METHOD: Cover with soda ash or sodium bicarbonate to neutralize. Mix and add water if necessary. Scoop up

slurry and dispose in accordance with existing federal, state and local environmental control regulations.

#### **SECTION VIII:** SPECIAL PRECAUTIONS

HANDLING/ STORAGE: Avoid breathing dust, Avoid contact with eves and skin, Wash thoroughly after handling. Store in a dry place away from excessive heat, in original containers. Reseal immediately after use.

EYE PROTECTION: Wear Chemical safety glasses

SKIN PROTECTION: Rubber or vinyl gloves and long sleeved shirts and pants to minimize skin contact.

Wash hands and face after each use.

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