

Material Safety Data Sheet

Plant Revolution: ORCA

Last Revision: June 26, 2011

Emergency Phone: (714) 545-5335

Product Identification

Name: ORCA

Chemical description: Beneficial endomycorrhizal propagules and bacteria suspended in distilled water.

Hazardous components: none

Company: Plant Revoultion, Inc. 714 545 5335 www.plant-success.com

Physical/Chemical Characteristics

Boiling point: 213° F

Vapor pressure: Same as water

Vapor density: Same as water

Evaporation rate: Same as water

Melting point: Not applicable

Specific gravity: 1.02-1.05

pH: 5.0 . 5.7

Solubility in water: soluble with agitation

Appearance/ Odor: Light beige liquid /Not distinctive

Fire and Explosion Information

Flash point: Not applicable

Flammable limits: Not applicable

Extinguishing media: Not applicable

Special Fire Fighting Procedures: Does not burn

Special Fire and Explosion hazards: Not explosive

Reactivity Data

Stability Conditions: Stable at normal temperatures

Conditions to avoid: Exhaust fans recommended for prolonged periods of fine misting

Incompatibility: None

Hazardous decomposition: Will not occur

Hazardous polymerization: Will not occur-

Health Effects/First Aid information

Routes of entry:

Eyes: May irritate on contact, wash out quickly.

Ingestion: Not toxic, but in large amounts can cause upper GI tract disturbance.

Skin: Contact with the skin is not toxic.

Signs/symptoms of exposure: Eye irritation and or sneezing.

Carcinogenicity: Ingredients not listed as carcinogenic in NTP or IARC listings. Not OSHA regulated.

Emergency and First Aid Procedures:

Inhalation:

Eyes: Flush immediately with water for 15 minutes, lift lids. See physician if irritation persists.

Ingestion: For small amounts, drink plenty of water. More than a mouthful should be purged by vomiting, but only if the victim is conscious. Get medical help.

Skin: Wash gently with mild soap/detergent and flowing water. Wash contaminated clothing. ---

Precautions for Safe Handling and Use

Respiratory protection: If misting occurs use approved respirator to eliminate exposure.

Ventilation: Exhaust fan recommended to control any misting.

Protective gloves/clothing: Rubber or plastic recommended if repeated or prolonged contact expected.

Eye protection: Chemical splash goggles recommended where misting is expected. Safety glasses suffice otherwise.

Work practices: Use good housekeeping practices. Keep containers tightly closed.

Spills: Stop material flow at source. Recover for recycling/salvage if not contaminated by other material.

Waste disposal method: Small quantities may be flushed to drain sewer with water. Material not recyclable should be absorbed and placed in legal landfill.

Precautions in storing and handling: Avoid storage above 120° F. Keep containers tightly closed.