

Material Safety Data Sheet

Section 1: Identification:

Manufacturer: Rockwell Labs Ltd

1257 Bedford Ave., N Kansas City, MO 64116

Product Name: **EcoVia EC Emulsifiable Concentrate**

Revised By: TJF 11/13

Telephone: 866 788 4101

Emergency: 800 858 7378

Section 2: Hazardous Ingredients:

(Per 29 CFR 1910.1200)

Material: Isopropanol

CAS No.

67-63-0

%

15-35%

TWA

400 ppm

STEL

500 ppm



Section 3: Composition Information: The product is composed of various essential oils and emulsifying compounds.

Section 4: First Aid Measures: **Skin Contact:** Wash with soap and water. If significant irritation occurs contact a physician for treatment advice. **Ingestion:** DO NOT induce vomiting. Rinse mouth with water then drink one glass of water. Obtain medical treatment if nausea or discomfort occurs. **Eye Contact:** Flush with water for 15 minutes. Remove contact lenses after 5 minutes and continue flushing. Contact a physician. **Inhalation:** If symptoms occur, remove to fresh air. If symptoms persist seek medical treatment.

Section 5: Fire Fighting Measures: Extinguishing Media: carbon dioxide, foam, or dry chemical, as is appropriate for surrounding materials (water may be used on small quantities of material); Flash Point: > 81°F (27°C); Flame Extension: unknown; Auto Ignition: unknown. Smother to exclude air. Wear positive pressure self-contained breathing apparatus approved by NIOSH/MSHA. Smoke may be acrid and fume irritating. Flammability limits in air, % by vol: unknown; Unusual fire or explosion hazards: Flammable material. Dangerous oxides of carbon and nitrogen created upon combustion.

Section 6: Accidental Release Measures: Ensure adequate ventilation. Keep away from heat and sources of ignition. Stop leak if safe. Ensure proper PPE, wipe up and dispose of in proper container. Large spill: contain spill and soak up with absorbent material and dispose of in solid waste. Keep out of sewers and storm drains. Clean the area with detergent and water.

Section 7: Handling and Storage: Store tightly closed in original container only, in cool well ventilated area. Avoid all sources of ignition. Store out of reach of children, pets, or wildlife. Do not contaminate food or feed products during storage and disposal.

Section 8: Exposure / Personal Protection: Chemical resistant gloves made of neoprene, nitrile or natural rubber. Ensure adequate ventilation when working with this product. Wear protective eyewear during handling or filling. Other protective measures: Wash clothing before re-use if material comes into contact.

Section 9: Physical and Chemical Properties: Vapor Pressure: not known; Vapor Density: not known; pH: 6.5 (1% solution); Viscosity: similar to that of water; Percent Volatiles by Volume (25°C): 15-44%; Appearance: yellowish, clear liquid; Odor: alcohol/wintergreen scented; Specific Gravity: 0.95; Solubility: emulsifies in water; Evaporation Rate: unknown.

Section 10: Stability and Reactivity: Stability: stable; Material Incompatibility: strong oxidizing and reducing compounds; Hazardous Polymerization: none known; Hazardous Decomposition Products: none known; Conditions to Avoid: excessive heat or sources of ignition, strong acids and bases.

Section 11: Toxicological Information: **Eye Contact:** Category 2A, irritant; **Skin Contact:** Category 3, mild skin irritant; **Ingestion:** Warning, maybe harmful if swallowed. LD₅₀: 3200 mg/kg; **Systemic/Other Effects:** central nervous system depressant; Carcinogenicity: NTP –not listed; IARC Monographs – not listed; OSHA - not listed; AGIH – not listed.

Section 12: Ecological Information: Avoid contaminating surface water, may have adverse effects to aquatic organisms.

Section 13: Disposal Considerations: Wastes resulting from use may be disposed of on site or at an approved waste disposal facility. Dispose of wastes in accordance with all Federal, State, and Local laws. Triple rinse container when empty.

Section 14: Transport Information: Non-bulk: Not regulated and requires no markings, labels, or placards. (Note: Combination packages with inner packages less than 5 liters may be re-classified as Consumer Commodities (ORM-D). Bulk: UN1219, Isopropanol n.o.s., 3, PGIII

Section 15: Regulatory Information: This product contains no substances reportable by CERCLA or SARA Title III Section 313, Section 302, or Section 311/312.

Section 16: Other Information: Warranty: The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Rockwell Labs Ltd provides no warranties, expressed or implied, and assumes no responsibility for the accuracy and completeness of the data contained herein. This information is offered for your consideration and investigation. The user is responsible to ensure that they have all data relevant to their particular use.