



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ConTec RA-509
SYNONYMS: Blend of special vegetable oil soaps and water

SUPPLIER: Innovative Concrete Technology, LLC
 92 Thomas Rd
 Port Murray, New Jersey 07865 908-453-2737

NFPA Rating: Health: 1 Flammability: 0 Reactivity: 0
HMIS Classification: Health: 1 Flammability: 0 Reactivity: 0
Revision Date: January 2013

EMERGENCY TELEPHONE: CHEMTREC: (800) 424-9300
Outside USA - (703) 527-3887 collect calls accepted

EMERGENCY OVERVIEW:

Clear amber liquid. Slight fatty odor. Not Hazardous

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight %	OSHA - PEL's	ACGIH 2002 - TLV's
No Hazardous Ingredients			

3. HAZARDS IDENTIFICATION

Hazard Information: Non Hazardous

Eye Contact: Causes mild eye irritation.

Inhalation: Not considered hazardous under normal conditions of use. Overexposure to mist or spray may cause irritation of respiratory tract.

Skin Contact: Possible mild transient skin irritation on prolonged contact.

Ingestion: Considered slightly toxic to practically non-toxic.

Aggravated Conditions: None known.

4. FIRST AID MEASURES

Inhalation: If inhaled mist causes irritation, move individuals to fresh air. If irritation persists seek medical attention.

Skin Contact: In case of contact wash skin with soap and water.

Eye Contact: Remove contact lenses. Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire surface.

Ingestion: Do not induce vomiting. If vomiting should occur spontaneously, keep the airway clear. Get medical attention if symptoms develop. Never give anything by mouth to an unconscious person.

Notes To Physician: None

5. FIRE FIGHTING MEASURES

Flash Point (°F/°C) >220° F (>104° C)

Flash Point Method: PMCC

Autoignition Temp. (°F): Not Applicable

Flammable Limits in Air - Lower (%): Not Applicable

Flammable Limits in Air - Upper (%): Not Applicable

Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.

Fire Fighting Procedures: Do not release runoff from fire control methods to sewers or waterways.

Special Exposure Hazards: Use water spray to cool fire exposed surfaces.

Special Protective Equipment: Fire fighters should wear full protective clothing, including self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Procedure for Cleaning/Absorption: This product is a biodegradable soap. Clean up large spills with vacuum truck. Soak up small spills with absorbent material. Spills of solution are extremely slippery so all residue must be removed promptly. Wear adequate personal protective clothing and equipment.

7. HANDLING AND STORAGE

PRECAUTIONARY STATEMENTS: No special precautions are required.

Handling: Use reasonable caution when handling any chemical. Spills can be slippery.

Storage: Product may congeal or stratify if stored in extreme cold temperatures. Allow to warm to room temperature and mix well before using.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

Respiratory Protection: If respirator is used follow rules and regulations in accordance with OSHA Respiratory Protection Requirements under 29 CFR 1910.134.

Gloves: Appropriate chemical resistant gloves should be worn.

Skin Protection: Normal work coveralls.

Eye Protection: Chemical goggles or a face shield if splashing hazard exists.

Other Personal Protection Data: Eyewash fountains and safety showers should be easily accessible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	LIQUID
Color:	STRAW TO AMBER
Odor:	SLIGHT FATTY
pH:	8 (As Is)
Specific Gravity (Water=1):	1.01
Density @ 20° C:	8.4 lbs/gal
Boiling Point (°F/°C):	>220° F / 104° C
Melting Point Range (°F/°C):	<32° F / 0° C
Freezing Point/Range (°F/°C):	<32° F / 0° C
Vapor Pressure:	Not Applicable
Vapor Density (Air=1):	Not Applicable
Evaporation Rate (BuAc=1):	Not Applicable
Solubility in Water Description:	Completely soluble
VOCs (lbs/gallon):	Not Applicable
Viscosity, Dynamic (Centipoise) @ 20° C:	Less than 100 cps
Molecular Weight:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of handling, use and transportation.
Conditions to Avoid:	None known.
Materials to Avoid:	None known.
Hazardous Decomposition Products:	Carbon Oxides and Nitrogen.
Hazardous Polymerization:	Will not occur..
Additional Guidelines:	None.

11. TOXICOLOGICAL INFORMATION

PRINCIPAL ROUTES OF EXPOSURE:	Skin, eyes and respiratory tract.
Ingestion:	Considered slightly toxic to practically non-toxic.
Skin Contact:	Possible mild transient skin irritation on prolonged contact.
Inhalation:	Not considered hazardous under normal conditions of use. Overexposure to mist or spray may cause irritation of respiratory tract.
Eye Contact:	May cause mild eye irritation.

Carcinogenicity Status

(Chemical Name, Wt. %, CAS No.)

IARC Group 1, Group 2A or Group 2B Carcinogen:	Not Listed
National Toxicology Program Known or Suspect Carcinogen:	Not Listed
ACGIH Confirmed or Suspected Carcinogen:	Not Listed
OSHA Select or Possible Select Carcinogen:	Not Listed

Acute Oral LD50 (mg/kg):	Not Determined
Acute Dermal LD50 (mg/kg):	Not Determined
Acute Inhalation LC50 (mg/l):	Not Determined
Mutagenicity/Genotoxicity:	No mutagenicity or genotoxicity studies have been carried out with this product.
Other Information:	Conclusions are drawn from sources other than direct testing.

12. ECOLOGICAL INFORMATION

Mobility:	Not Determined
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Persistence:	Not Determined
Bioaccumulative:	Not Determined
Ecotoxicological Information:	
Acute Fish Toxicity:	Not Determined
Acute Crustaceans Toxicity:	Not Determined
Acute Algae Toxicity:	Not Determined
Chemical Fate Information:	Not Determined
Other Information:	No ecological studies have been carried out on this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Dispose of product in an approved industrial waste landfill or incinerate in accordance with applicable Federal, state and local regulations.

RCRA

**Is the unused product a RCRA hazardous waste if discarded? (Yes/No)
If yes, the EPA Hazardous Waste Code is:**

**No
N/A**

14. TRANSPORTATION INFORMATION

DOT:

DOT Status: NOT HAZARDOUS. NOT REGULATED.

ICAO/IATA:

Status: NOT REGULATED.

IMDG:

Status: NOT REGULATED.
Flash Point (°F/°C) Not Determined

15. REGULATORY INFORMATION

International Inventories:

USA TSCA Inventory Status:	All of the components of this product are listed on the US EPA TSCA Inventory, or exempt from listing.
Canadian DSL:	All of the components of this product are listed on the Canadian Domestic Substances List.
Canadian NDSL:	Some of the components of this product are not found on the Canadian Non-Domestic Substances List.
European - EINECS:	All of the components of this product are listed on EINECS, or exempt from notification.
European - ELINCS.	All of the components of this product are not listed on ELINCS.
EU - No-Longer Polymers List:	None of the components of this product are listed on the EUNLP.
Japanese Chemical Inventory:	All of the components of this product are not listed on the JPENCS Inventory.
Philippines Chemical Inventory:	All of the components of this product are found on the Philippines Inventory.
Australian Chemical Inventory:	All of the components of this product are listed on the Australian Chemical Inventory.
Korean Chemical Inventory:	All of the components of this product are found on the Korean Existing Chemical Substances List.

State and Federal Regulations:
(Chemical Name, Wt. %, CAS No.)

**New Jersey Trade Secret Registry
Number(s):** N/A

SARA Section 311/ 312 Hazard Class: N/A

Other Information: This product does not contain any ingredients subject to the reporting requirements of SARA Title III, Section 313 (40 CFR Part 372).

16. OTHER INFORMATION

Reference Number: 0509

Additional Information: None.

Important Note: The information herein is given in good faith but no warranty, expressed or implied, is made.

*****END OF MSDS*****