



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ConTec SD-231  
**SYNONYMS:** Concrete Additive / Dispersant

**SUPPLIER:** Innovative Concrete Technology, LLC  
Two Wall Street  
Oxford, New Jersey 07863

**NFPA Rating:** Health: 1 Flammability: 0 Reactivity: 0  
**HMIS Classification:** Health: 1 Flammability: 0 Reactivity: 0  
**Revision Date:** January 2011

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

#### EMERGENCY OVERVIEW:

Dark amber liquid. Mild odor. May cause eye and skin irritation.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

No Hazardous Ingredients

### 3. HAZARDS IDENTIFICATION

**Hazard Information:** May cause eye and skin irritation.  
**Eye Contact:** May 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.  
**ACUTE OVEREXPOSURE:** Possible eye and skin irritation may result.

### 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Treat Symptomatically.

<b>Skin Contact:</b>	In case of contact, wash affected skin area with soap and water. Remove and launder contaminated clothing before reuse.
<b>Eye Contact:</b>	Remove contact lenses. Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire surface. Washing within one minute is essential to achieve maximum effectiveness. Seek medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Give victim plenty of water. If vomiting should occur spontaneously, keep the airway clear. Get medical attention. Never give anything by mouth to an unconscious person.
<b>Notes To Physician:</b>	None known.

## 5. FIRE FIGHTING MEASURES

<b>Flash Point (°F/°C)</b>	Not Determined
<b>Flash Point Method:</b>	PMCC
<b>Autoignition Temp. (°F):</b>	Not Determined
<b>Flammable Limits in Air - Lower (%):</b>	Not Determined
<b>Flammable Limits in Air - Upper (%):</b>	Not Determined
<b>Extinguishing Media:</b>	Water spray, carbon dioxide, dry chemical.
<b>Fire Fighting Procedures:</b>	Cool exposed containers with water spray after extinguishing fire.
<b>Special Exposure Hazards:</b>	Use water spray to cool fire exposed surfaces.
<b>Special Protective Equipment:</b>	Fire fighters should wear full protective clothing, including self-contained breathing equipment.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Procedure for Cleaning/Absorption:</b>	Stop leaks. Clean up spill immediately. 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.
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## 7. HANDLING AND STORAGE

<b>PRECAUTIONARY STATEMENTS:</b>	<b>CAUTION!</b>
<b>Handling:</b>	May cause irritation. Avoid contact with eyes, skin and clothing. Avoid breathing mist or spray. Wear chemical splash goggles, gloves and protective clothing when handling. Use with adequate ventilation and employ respiratory protection where mist or spray may be generated. Wash thoroughly after handling.
<b>Storage:</b>	For industrial use only. Mix well before using. Product may congeal or stratify if cold. Allow to warm to room temperature and mix well before using.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls:</b>	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.
<b>Respiratory Protection:</b>	When exposures exceed the PEL or TLV, use NIOSH/MSHA approved respirator in accordance with OSHA Respiratory Protection Requirements under 29 CFR 1910.134.
<b>Gloves:</b>	Appropriate chemical resistant gloves should be worn.
<b>Skin Protection:</b>	Normal work coveralls.
<b>Eye Protection:</b>	Chemical goggles or a face shield if splashing hazard exists.
<b>Other Personal Protection Data:</b>	Eyewash fountains and safety showers must be easily accessible.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	LIQUID
<b>Color:</b>	DARK AMBER
<b>Odor:</b>	MILD
<b>pH:</b>	7 - 8
<b>Specific Gravity (Water=1):</b>	1.08
<b>Density @ 20° C:</b>	9.02 lbs/gal
<b>Boiling Point (°F/°C):</b>	>212°F, 100°C
<b>Melting Point Range (°F/°C):</b>	Not Determined
<b>Freezing Point/Range (°F/°C):</b>	Not Determined
<b>Vapor Pressure:</b>	Not Determined
<b>Vapor Density (Air=1):</b>	Not Determined
<b>Evaporation Rate (BuAc=1):</b>	Not Determined
<b>Solubility in Water Description:</b>	Complete
<b>VOCs (lbs/gallon):</b>	Not Determined
<b>Viscosity, Dynamic (Centipoise) @ 20° C:</b>	Not Determined
<b>Molecular Weight:</b>	Not Applicable

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under normal conditions of handling, use and transportation.
<b>Conditions to Avoid:</b>	None
<b>Materials to Avoid:</b>	Contact with oxidizing agents and reducing agents.
<b>Hazardous Decomposition Products:</b>	Carbon Monoxide and Carbon Dioxide.
<b>Hazardous Polymerization:</b>	Does not occur.
<b>Additional Guidelines:</b>	None.

## 11. TOXICOLOGICAL INFORMATION

**PRINCIPAL ROUTES OF EXPOSURE:** Skin, eyes, ingestion, and inhalation.

**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.)

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

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

## 12. ECOLOGICAL INFORMATION

<b>Mobility:</b>	Not Determined
<b>Persistence:</b>	Not Determined
<b>Bioaccumulative:</b>	Not Determined
<b>Ecotoxicological Information:</b>	
<b>Acute Fish Toxicity:</b>	Not Determined
<b>Acute Crustaceans Toxicity:</b>	Not Determined
<b>Acute Algae Toxicity:</b>	Not Determined
<b>Chemical Fate Information:</b>	Not Determined
<b>Other Information:</b>	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

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

## 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:

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

<b>New Jersey Trade Secret Registry Number(s):</b>	N/A
<b>SARA Section 311/ 312 Hazard Class:</b>	This product is classified as a SARA ACUTE HEALTH HAZARD.
<b><u>Other Information:</u></b>	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

<b>Reference Number:</b>	0321
<b>Additional Information:</b>	None.
<b>Important Note:</b>	The information herein is given in good faith but no warranty, expressed or implied, is made.

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