

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE

Product Trade Name: Mixer Saver  
Product Use: Release Agent  
Product Description: Water emulsion  
HMIS Hazard Rating: H1, FO, RO, PE C

MANUFACTURER INFORMATION:  
Innovative Concrete Technology, LLC  
Port Murray, NJ 07865 USA  
Phone: (908) 453-2737  
Emergency Phone: (908) 857-1428  
(Chemtrec) (703) 527-3887

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Lubricant Blend 16-22%

N,N-Diethylmonoethanolamine ACGIH TLV (skin) TWA 2 ppm CAS# 100-37-8 1-2%

Water 75-81%

This product is a mixture of materials, each of which is listed in TSCA as indicated on suppliers' MSDS. The mixture is non-hazardous when used as directed.

### 3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION: None

CLASSIFICATION SYSTEM: This preparation is not classified as dangerous according to Directive 1999/45/EC.

EFFECTS OF OVEREXPOSURE:

Eyes: Transient irritation Skin: Transient irritation Chronic Effects: None known.

### 4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: In case of contact, flush eyes well with water for 15 minutes. Obtain medical attention if irritation develops.

Skin: Flush skin with plenty of water and wash affected area with soap and water. Launder contaminated clothing before reuse. Call physician if irritation develops.

Inhalation: Remove to fresh air. Administer artificial respiration if breathing is stopped. Call physician.

Ingestion: If ingested, give several glasses of water but do not induce vomiting. If vomiting does occur, give fluids again.

Have medical personnel determine if vomiting or evacuation of the stomach is necessary. Do not give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

Flash Point, F (C): None

Flammable limits in air by volume-Lower-N/A Upper-N/A

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

Special Firefighting Procedures: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual fire and explosion hazards: None known.

## 6. ACCIDENTAL RELEASE MEASURES

### ACTION FOR SPILLS:

Personal Precautions: Wear gloves and other personal protective equipment when handling this product.

Environmental Precautions: Prevent spills of the purchased product from entering the environment.

Methods for Clean Up: If a spill occurs, contain it. Absorb it on a suitable absorbent material, such as sand or clay, and discard it to solid waste.

## 7. HANDLING AND STORAGE

Store in a dry, well ventilated area. Store at 40 to 110°F (4-43°C) range.

Keep from freezing.

Keep containers tightly closed when not in use.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Component Exposure Limits:

CAS#:	Component Name:	Exposure Limits:
100-37-8	N,N-Diethylmonoethanolamine	ACGIH TLV (skin) TWA 2 ppm

Respiratory Protection: Local Ventilation:

Recommended Mechanical Ventilation: Recommended

Respiratory protection: None required under normal use.

Hand Protection: Wear neoprene gloves. The exact break through time has to be found out by the glove manufacturer and has to be observed.

Eye Protection: Goggles or safety glasses with side shields.

Protective Clothing: Protective clothing (apron, lab coat, coveralls) as needed depending on level of exposure.

Safety Equipment: Eye Fountain and safety shower located in the work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point, deg. F (C).	212 (100)
Solubility In Water @ 68 F (20 C).	soluble
Specific Gravity @ 68 F (20 C).	0.98
Vapor Pressure, mm Hg @ 68 F (20C).	17 (water)
Vapor Density, (AIR=1)	0.6 (water)
Volatiles, % by WT	75-81%
Appearance	Tan fluid

Odor	mild
pH	8.0-9.0
Flash Point, deg. F (C)	None
Flammability (solid, gas)	None under normal conditions
Explosive Properties	None
Oxidizing Properties	Will not cause oxidation
Partition Coefficient	Unknown
Viscosity	Low
Evaporation Rate (BuAc=1)	<1

### 10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibilities (materials to avoid): None known

Hazardous Decomposition Products: CO<sub>2</sub>, CO, and hydrocarbon decomposition products at elevated temperatures.

Hazardous Polymerization: Will not occur

### 11. TOXICOLOGICAL INFORMATION

This product does not contain any listed (NTP, IARC, OR OSHA) carcinogens.

EFFECTS OF OVEREXPOSURE:

Eyes: Transient irritation Skin: Transient irritation Chronic Effects: None known.

### 12. ECOLOGICAL INFORMATION

General notes: The purchased product contains a water based emulsion and inhibitors; therefore, do not allow it to enter sewers, streams or other water courses.

ECOTOXICITY: No specific information is available.

MOBILITY: No specific information is available.

PERSISTENCE AND DEGRADABILITY: No specific information is available. BIOACCUMULATIVE

POTENTIAL: No specific information is available.

### 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: The purchased product contains a water based emulsion and inhibitors; therefore, do not allow it to enter sewers, streams or other water courses. Disposal of the spent solutions of the product should be made in

a manner acceptable to good waste management practices and in compliance with applicable local, state, and federal regulations.

RCRA Hazardous Waste: This product would be not considered hazardous waste if disposed of in its original form. Under R.C.R.A. requirements, it is the responsibility of the user of products to determine, at the time of disposal, whet

her the spent solution of the product meets R.C.R.A. criteria for hazardous waste. This is because product uses, processes and soil compositions may render the resulting material hazardous.

### 14. TRANSPORT INFORMATION

IATA Shipping Classification: Not regulated

DOT Shipping Classification: Not regulated Marine Pollutant: No

HMIS Hazard Rating: H1, FO, RO, PE C

## 15. REGULATORY INFORMATION

### California Proposition 65 Certification:

This product does not contain, as an ingredient, any chemical listed under Proposition 65 as known to the state of California to cause cancer or reproductive toxicity. This product complies with California's Safe Drinking Water and Toxic Enforcement Act.

### Reportable Ingredients:

SARA 313: none

SARA 302: none

CERCLA: none

### Toxic Substances Control Act (TSCA) Certification:

This product contains a mixture of ingredients. Each ingredient has been, reviewed and found to be listed in the Toxic Substance Control Act Chemical Substance Inventory.

## 16. OTHER INFORMATION

All statements, information, and data provided in this material safety data sheet are believed to be accurate and reliable, but are presented without guarantee, representation, warranty, or responsibility of any kind, expressed or implied. Any and all representations and/or warranties of merchantability or fitness for a particular purpose are specifically disclaimed. Users should make their own investigations to determine the suitability of the information or products for their particular purpose. Nothing contained herein is intended as permission, inducement or recommendation to violate any laws or violate patents.