

# SAFETY DATA SHEET

## Total Etch

### Identification

1.

Product identifier      **740 Total Etch**

Recommended use      Concrete Cleaner /sealant/preparation

Recommended restrictions      None known

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

Company name      Innovative Concrete Technology Corp  
Address      2410 McJunkin Road  
Lakeland, FL 33803 United States  
Telephone      Phone: 863-665-8787  
innovativeconcrete.com  
Website      CHEMTEL: 1-800-255-3924  
Emergency phone number

### 2. Hazard(s) identification

OSHA defined hazards

Label elements



Signal word

DANGER

Hazard statement

H315 Causes Skin Irritation H318 - Causes serious eye damage

Precautionary statements

P280 - Wear protective gloves, protective clothing, eye protection, face protection  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER or doctor/physician  
P363 - Wash contaminated clothing before reuse  
P501 - Dispose of contents/container to comply with local, state and federal regulations

### 3. Composition/information on ingredients

#### Mixtures

Chemical name

	CAS number	% by weight
GLYCOLIC ACID	79-14-1	10-15
LACTIC ACID	79-33-4	20-25
2-BUTOXYETHANOL	111-76-2	1-5
BEROL 226 SA	6179-10-4	1-5

Material name: ETCH-N-PREP

SDS US

Version #: 2FU Issue date: 03-31-2017

1 / 6

## 4. First-aid measures

<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
<b>Skin contact</b>	Wash immediately with lots of water. Remove clothing while washing. Do not remove clothing if it sticks to the skin. Cover wounds with sterile bandage. Consult a doctor/medical service.
<b>Ingestion</b>	Rinse mouth with water. Do not give activated charcoal. Call Poison Information Centre. Get medical attention if symptoms occur.
<b>Inhalation</b>	
<b>Notes to physician</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. Do not give chemical antidote. Doctor: gastric lavage is not recommended.  Remove victim to fresh air. Call a physician if symptoms develop
<b>Most important symptoms/effects, acute and delayed</b>	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	This product is miscible in water. Should not be released into the environment.  Large Spills: Stop the flow of material, if this is without risk. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.  Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Wear appropriate personal protective equipment. Do not get this material in contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Do not mix with other chemicals. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

## 8. Exposure controls/personal protection

<b>Appropriate engineering controls</b>	Provide eyewash station. Use general ventilation.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	For prolonged or repeated skin contact use suitable protective gloves.

**General hygiene considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

<b>Appearance</b>	transparent
<b>Form</b>	Liquid.
<b>Color</b>	clear/orange
<b>Odor</b>	Characterisic sweet,sugar
<b>Odor threshold</b>	Not available.
<b>pH</b>	1.40-2.0
<b>Melting point/freezing point</b>	32 °F (0 °C) 212 °F (100 °C)
<b>Boiling point</b>	None to boiling. Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	
<b>Flammability (solid, gas)</b>	
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	100 %
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Specific gravity</b>	1.055+_01
<b>VOC (Weight %)</b>	not available

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials. Do not mix with other chemicals. Reacts violently with strong alkaline substances.
<b>Incompatible materials</b>	Incompatible with bases. Aluminum. This product may react with reducing agents.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Toxicological data

Product	Test Results
	Not Available

#### Information on likely routes of exposure

<b>Eye contact</b>	Causes severe burns and eye damage.
<b>Skin contact</b>	
<b>Ingestion</b>	Expected to be a low ingestion hazard. May cause discomfort if swallowed.
<b>Inhalation</b>	Not classified
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Toxicological information</b>	NA

#### 12. Ecological information

<b>Ecotoxicity</b>	Based on the biodegradability data of the components, this material is expected to be biodegradable.
<b>Persistence and degradability</b>	
<b>Bioaccumulative potential</b>	This material does not contain chemicals that have known bioaccumulative potential.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

#### 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

#### 14. Transport information

##### DOT

<b>UN number</b>	Not subject to transportation regulation/dangerous substance register.
<b>UN proper shipping name</b>	Not subject to transportation regulation/dangerous substance register.
<b>Transport hazard class(es)</b>	FORBIDDEN BY AIR
<b>Class</b>	Class 55

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Other information****Passenger and cargo** Forbidden.**aircraft****Cargo aircraft only** Forbidden.**Marine pollutant** No.**EmS** Not available.**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**15. Regulatory information** NA

Hazard labels (DOT)

**ORANGE PLATES**Packing group (DOT) Special Provisions Not regulated.  
(49 CFR 172.102)**ADR**

Transport document description

Packing group (ADR)

Class (ADR) 55

Hazard identification number (Kemler No.)

Classification code (ADR)

Danger labels (ADR)

**Orange plates**Delayed hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations****US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not regulated.

**US. Pennsylvania RTK - Hazardous Substances**

Not regulated.

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision****Issue date** 03-31-2017**Version #** 2FU**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.