

# Safety Data Sheet



Issue Date: 2-13-2019

Revision Date: 2-14-2019

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** DRYLOK® Liquid Cleaner / Etch

### Other means of identification

**SDS #** CCC-040

### Recommended use of the chemical and restrictions on use

**Recommended Use** Masonry Preparation.

### Manufactured for

Sika Corporation  
P.O. Box 70  
Scranton, PA 18501-0070

### Emergency Telephone Number

**Company Phone Number** (201) 933-8800  
**Company Fax Number** (201) 804-1076  
**Emergency Telephone (24 hr)** CHEMTREC: 800-424-9300  
INTERNATIONAL: +1-703-527-3887

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear liquid

**Physical State** Liquid

**Odor** Slightly acrid

### Classification

Acute toxicity – Inhalation (Dusts/Mists)	Category 4
Serious eye damage/eye irritation	Category 1
Corrosive to metals	Category 1

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

### Signal Word

Danger

### Hazard Statements

Harmful if Inhaled  
Causes serious eye damage  
May be corrosive to metals

**Precautionary Statements – Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Wear protective gloves/protective clothing/eye protection/face protection

Keep only in original container

**Precautionary Statements – Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing Immediately call a POISON CENTER or doctor/physician

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a poison center or doctor/physician if you feel unwell

IN CASE OF SPILL: Absorb spillage to prevent material damage

**Precautionary Statements – Storage**

Store in a well-ventilated place

Store in corrosive resistant container with a resistant inner liner

**Precautionary Statements – Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Harmful to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Inhibited Hydrochloric Acid Solution	Proprietary	Proprietary
This specific chemical identity of this composition is being withheld as a trade secret.		

### 4. FIRST-AID MEASURES

**First Aid Measures****General Advice**

Provide this SDS to medical personnel for treatment.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not apply any medicated agents except on the advice from a physician. Seek immediate medical attention/advice.

**Skin Contact**

Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. Wash with soap and water. Do not apply any medicated agents except on the advice from a physician. Get medical attention if necessary.

**Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. Do NOT use mouth-to-mouth resuscitation. Call a physician if you feel unwell

**Ingestion**

Rinse mouth. Do not induce vomiting without medical advice. Drink 2-3 large glasses of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. To ensure airway is open, position with head lower than body and transport immediately to a medical facility

**Most important symptoms and effects****Symptoms**

May cause eye burns and permanent eye damage. Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system. Irritation and corrosive burns to mouth, throat, and stomach

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Contact with non-ferrous metals may release flammable hydrogen. Heating may release corrosive hydrochloric acid vapors

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Prevent human exposure to fire, fumes, smoke and products of combustion. Evacuate non-essential personnel.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Use personal protective equipment as required.

**Environmental Precautions**

Try to prevent the material from entering drains or water courses. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up****Methods for Containment**

Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up**

Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling**

Avoid breathing vapors or mists. Use only in well-ventilated areas. Use personal protection recommended in Section 8. Do NOT take internally. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from excessive heat. Keep from freezing. Store only in approved containers.

**Incompatible Materials**

Contact with non-ferrous metals may release flammable hydrogen. Strong oxidizing agents. Strong alkalis. Aluminum.

## 8 Exposure Controls/Personal Protection

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acid solution	STEL: 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 1 mg/m <sup>3</sup> (vacated) STEL: 3 mg/m <sup>3</sup>	IDLH: 1000 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>
Inhibited hydrochloric acid solution	Ceiling: 2 ppm	(vacated) Ceiling: 5 ppm (vacated) Ceiling: 7 mg/m <sup>3</sup> Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>	IDLH: 50 ppm Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>
Acid solution	-	15 mg/ m3 (Total)	-
Acid solution	STEL: 2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 1 mg/m <sup>3</sup> (vacated) STEL: 2 mg/m <sup>3</sup>	IDLH: 500 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>

### Appropriate engineering controls

#### Engineering Controls

Ventilation systems. Use mechanical system if in closed storage area. Eyewash stations.

### Individual protection measures, such as personal protective equipment

Eye/Face Protection	Use approved eye protection to avoid eye contact
Skin and Body Protection	Chemical resistant protection
Respiratory Protection	Where there is a potential for exposures, wear NIOSH approved respiratory protection.
General Hygiene Consideration	Avoid contact with eye, skin and clothing. Avoid inhalation of contaminant. Wash thoroughly After handling. Do not eat or drink where there is potential for exposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical State	Liquid	Odor	None
Appearance	Clear liquid	Odor Threshold	Not determined
Color	Clear		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	1-2	@ 72° F	
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	Not determined		
Evaporation Rate	Compare to water		
Flammability (Solid, Gas)	Not determined		

---

Upper Flammability Limits	Not determined
Lower Flammability Limit	Not determined
Vapor Pressure	Compare to water
Vapor Density	Compare to water
Specific Gravity	1.005 – 1.010 @ 72° F
Water Solubility	Completely soluble
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Excessive Heat

### Incompatible Materials

Contact with non-ferrous metals may release flammable hydrogen. Strong oxidizing agents. Strong alkalis. Aluminum.

### Hazardous Decomposition Products

Hydrogen

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

##### Eye Contact

Causes serious eye damage.

##### Skin Contact

This product has been tested and is NOT corrosive or irritating to the skin.

##### Inhalation

Harmful if inhaled.

##### Ingestion

May be harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
!Acid solution	= 1530 mg/kg (Rat)	=2730 mg/kg (Rabbit)	> 850 mg/m <sup>3</sup> (Rat)1h
Inhibited hydrochloric acid solution	= 700 mg/kg (Rat)	> 5010 mg/kg (Rabbit)	= 3124 ppm (Rat) 1h
!Acid solution	= 3000 mg/kg (Rat)	-	.
!Acid solution	= 7500 mg/kg (Rat)	=20000 mg/kg (Rat)	.

**Symptoms**

Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Carcinogenicity** Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Inhibited hydrochloric acid solution		Group 3		

**Legend***IARC (International Agency for Research on Cancer)**Group 3 /ARC components are •not classifiable as human carcinogens•***Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Acid solution		3 - 3.5: 96 h Gambusia affinis mg/L LC50		4.6: 12 h Daphnia magna Mg/L EC50
Inhibited hydrochloric acid solution		282: 96 h Gambusia affinis mg/L LC50 static		
Acid solution		1516: 96 h Lepomis macrochirus mg/L LC50 static		120: 72 h Daphnia magna mg/L EC50
Acid solution		4000: 24 h Lepomis macrochirus mg/L LC50 static		125 - 150: 48 h Daphnia magna mg/L EC50 Static

### Persistence/Degradability

Not determined

### Bioaccumulation

Not determined

### Mobility

Not determined

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.



## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. **Not regulated if shipped in non-aluminum containers (49 CFR 173.154 (d)).**

Marine Pollutant-This material may meet the definition of a marine pollutant.

## 15. REGULATORY INFORMATION

TSCA All ingredients are listed or exempt from listing on Chemical Substance inventory.  
DSL Listed

### US Federal Regulations

#### CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity RQ
Inhibited hydrochloric acid solution	5000lb	5000lb	RQ 5000 lb final RQ RQ 2270 kg final RQ

#### SARA 313

Chemical Name	CASNo	Weight-%	SARA 313 - Threshold Values%
Inhibited hydrochloric acid solution -		Proprietary	1.0

#### CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Inhibited hydrochloric acid solution / Proprietary )	5000lb			X

### US State Regulations

#### California Proposition 65

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

-

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	1	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	2	1	0	C

Revision Date: 2-14-19

Revision Note: 2

**Disclaimer**

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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.

**End of Safety Data Sheet**