



SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaTard®-930**REVISION DATE: February 1st, 2015

USAGE: Hydration stabilizer for concrete

MANUFACTURER/SUPPLIER: SIKA CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9**EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666**

TDG CLASSIFICATION: Corrosive liquid, acid, organic, N.O.S (Citric acid, Sodium hydroxide)

UN NUMBER: 3265

Class: 8

Packaging Group: III

WHMIS Classification: E

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
CITRIC ACID	5-10	Not available	77-92-9	11 700 (rat, oral)	Not available
SODIUM HYDROXIDE	1-5	2mg/m ³	1310-73-2	> 90 (rat, oral)	Not available

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
 Appearance and Odor: Transparent blue liquid, Light aromatic odor
 Odor Threshold: Not Established
 Evaporation Rate: < 1 (water)
 Vapor Density: < 1 (water)
 Vapor Pressure: 17 mm (20°C)

Boiling Point: > 100°C
 Freezing Point: < 0°C
 Density: 1.13 g/ml @ 23.9°C
 Water Solubility: Yes
 pH: 3 - 4
 % volatility: < 80
 Water/Oil Distribution: Not Established



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	No	TDG flammability Class:	Not Regulated
If Yes, under what conditions:		Flammable upper limits (% vol.):	Not Established
		Flammable lower limits (% vol.):	Not Established
		Flash Point (method used):	Not Established
		Auto-ignition temperature:	Not Established
Extinguishing methods:	Foam, dry chemical product, CO ₂ , water hose.	Dangerous Combustion Products:	Sodium oxide and peroxide.
Special Methods:	Firefighters must wear their usual protection equipment and respiratory equipment. The water hose could be used to cool down the containers and to dissipate the vapors over the spill.	Protect from mechanical impact:	No
		Protect from static discharge:	No

SECTION V: REACTIVITY DATA

Chemical stability:	Yes	Dangerous decomposition products:	Sodium oxide and peroxide.
If not, under what conditions:			
Incompatibility with other material:	No specific data	Polymerisation Risks:	No
If Yes, which ones:			



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye burns. May cause damage to the eyes.

Carcinogenicity: Not Established

Skin: May cause skin burns or irritation. May cause damage to the skin.

Toxic effects on reproduction: Not Established

Inhalation: May cause irritation to the lungs.

Teratogenicity: Not Established

Ingestion: Burns or irreversible damage to the mouth, throat and digestive tract. May be fatal if ingested.

Mutagenicity: Not Established

Product with synergistic effects: Not Established

An acute or chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.



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SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical products resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge, if ventilation is inadequate.

Eyes: Safety glasses

Shoes: Ordinary

Clothing: Rubber Apron

Other: No

OTHERS

Ventilation: Sufficient ventilation required.

Procedure in case of leaks: Absorb with sand and other absorbent material.

Handling and Equipment methods: Avoid skin, eye and clothing contact.

Warehouse Requirements: Keep all containers closed in a cool, dry area. Protect from freezing.

Special Shipping Instructions: Protect from freezing.

Waste Disposal: Dispose of sand and water according to municipal, provincial and federal laws on chemical waste.

PRODUCT: **SikaTard[®]-930****SECTION VIII: FIRST AID**

Skin: Remove and clean all contaminated clothing.
Wash with plenty of soap and water the exposed areas.
Consult a physician if necessary.

Eyes: Clean with water for at least 15 minutes.
Consult a physician if necessary.

Inhalation: In the case of overexposure, evacuate to fresh air.
Consult a physician if needed.

Ingestion: Do not induce vomiting. Drink plenty of water.
Do not give anything by mouth to an unconscious person.
Consult a physician.

SECTION IX: PREPARATION INFORMATION

Prepared By: The Laboratory, Research and Development Department of Sika Canada Inc.
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