



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sika® Aktivator-205 (Old Sika® Cleaner-205)** REVISION DATE: November 20, 2014

USAGE: CLEANING SOLUTION

MANUFACTURER/SUPPLIER: SIKA CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9

EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666

TDG CLASSIFICATION: Isopropanol Solution WHMIS Classification: B2, D2B
UN NUMBER: 1219 Class: 3
Packaging Group: II

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (route, species)	LC ₅₀ (species, route)
ISOPROPYL ALCOHOL	60-100	ACGIH 400 ppm (TWA) 500 ppm (STEL)	67-63-0	5 045 (oral, rat)	66 100mg/m ³ /4h (rat)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid (isopropanol)	Boiling Point:	82°C (isopropanol)
Appearance and Odor:	Clear and colorless liquid, rubbing alcohol odor	Freezing Point:	Not Established
Odor Threshold:	Not Established	Density:	0.8 g/ml
Evaporation Rate:	2.83 (isopropanol)	Water Solubility:	Miscible in water (isopropanol)
Vapor Density:	2,1 (isopropanol)	pH:	No information found (isopropanol)
Vapor Pressure:	44 @ 25°C (isopropanol)	% volatile:	100 (isopropanol)
		Water/Oil Distribution:	Not Established



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	Yes	TDG inflammability Class:	3 (isopropanol)
If Yes, under what conditions:	Flame, spark	Flammable upper limits (% vol.):	12.7 (isopropanol)
		Flammable lower limits (% vol.):	2.0 (isopropanol)
		Flash Point (method used):	12°C (isopropanol)
Extinguishing methods:	Foam, dry chemical products, CO ₂ , water for large flames.	Auto-ignition temperature:	399°C (isopropanol)
		Dangerous Combustion Products:	CO (isopropanol)
Special Methods:	Firefighters must wear complete protective clothing with NIOSH respiratory equipment.	Protect from mechanical impact:	No
		Protect from static discharge:	No

SECTION V: REACTIVITY DATA

Chemical stability:	Yes	Dangerous decomposition products:	CO.
If not, under what conditions:			
Incompatibility with other material:	Yes	Polymerization Risks:	No
If Yes, which ones:	Acid, strong oxidizer, amine, aluminum at high temperature.		

Incompatibility with pure Isopropanol:
strong oxidizers, acetaldehyde, acids, chlorine, ethylene oxide, hydrogen-palladium combination, hydrogen peroxide-sulfuric acid combination, potassium tert-butoxide, hypochlorous acid, isocyanates, nitroform, phosgene, aluminum, oleum and perchloric acid.



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Irritating, splashes cause severe irritation, possible corneal burns and eye damage.

Skin: Irritating. Contact may result in dermatitis. May cause skimming of skin's fat.

Inhalation: Vapor or mist from this product may cause irritation.

Ingestion: May cause nausea, vomiting, fainting, diarrhea, lung damage, gastro-intestinal system disorder, constipation. The single lethal dose for a human adult = 250 ml

Over exposure may cause breathing difficulties, headaches, nausea, vomiting, lack of coordination, fainting. May aggravate respiratory, skin, eye, and lung problems.

Aggravation of pre-existing condition, skin disorder, impaired liver kidney, or pulmonary function may be more susceptible to the effects of this agent.

Carcinogenicity: Not established

Toxic effects on reproduction: Not established

Teratogenicity: Not established

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: Use chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge.

Eyes: Full-face mask and goggles

Shoes: Leather

Clothing: Rubber Apron and lab coat

Other: Eye wash station, shower

OTHERS

Ventilation: Sufficient ventilation required.

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

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

Warehouse Requirements: Keep all containers closed in a cool, dry and well ventilated area. Keep away from heat and open flame.

Special Shipping Instructions: See TDG class

Waste Disposal: Dispose of sand and rinse water according to municipal, provincial or federal laws for disposal of chemicals.



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SECTION VIII: FIRST AID

- Skin : Remove contaminated clothing and shoes.
Wash immediately with plenty of water.
Wash clothing before re-wearing.
Consult a physician if required.
- Eyes : Rinse eyes immediately with plenty of water for several minutes, while holding eyelids wide open, to ensure a proper wash.
See a physician if required.
- Inhalation : In the case of overexposure, evacuate to fresh air.
Consult a physician if required.
- Ingestion : Drink plenty of water. Do not induce vomiting.
Do not give anything by mouth to an unconscious person.
See a physician immediately.

SECTION IX: PREPARATION INFORMATION

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