



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sika® Duochem 205**

REVISION DATE: January 31, 2013

USAGE: Diluent-solvent

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

TDG CLASSIFICATION: Flammable liquid, N.O.S (Propylene glycol monomethyl ether acetate & diacetone alcohol)

WHMIS Classification: B3, D2B
CLASS: 3UN NUMBER: 1993
Packaging Group: III

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (route, species)	LC ₅₀ (species, route)
DIACETONE ALCOHOL	30-60	ACGIH 50ppm (TWA)	123-42-2	4 000 (oral, rat)	NOT AVAILABLE
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	30-60	NOT AVAILABLE	108-65-6	8 532 (oral, rat)	NOT AVAILABLE

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
 Appearance and Odor: Clear and colorless liquid with acetate and ketone odor
 Odor Threshold: 0.27 ppm (Diacetone alcohol)
 Evaporation Rate: < 1 (N-Butyl acetate=1)
 Vapor Density: 4 – 4.6 (Air=1)
 Vapor Pressure: 3.3 kPa @ 55°C (calculated – acetate)

Boiling Point: 146°C
 Freezing Point: Not Available
 Density: 0.95 – 0.96 g/mL
 Water Solubility: Not established
 pH: Not established
 % volatility: Not established
 Water/Oil Distribution: Not established



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	Combustible	TDG Flammability Class:	3
If Yes, under what conditions:	Dangerous fire hazard Avoid sparks, flame or static discharge.	Flammable upper limits (% vol.):	7.0
		Flammable lower limits (% vol.):	1.5
		Flash Point (method used):	46°C (TCC)
		Auto-ignition temperature:	Not established
		Dangerous Combustion Products:	Carbon oxides.
Extinguishing methods:	Carbon Dioxide, water fog, foam or dry chemical.	Protect from mechanical impact:	No
		Protect from static discharge:	Yes
Special Methods:	Fire-fighters should wear full protective clothing including self-contained breathing apparatus since toxic gases are emitted. When heated in fire, explosive gas mixtures with air can form. Cool fire-exposed containers with water or water fog.		

SECTION V: REACTIVITY

Chemical stability:	Yes	Dangerous decomposition products:	Carbon oxides.
If not, under what conditions:	But avoid excessive heat.		
Incompatibility with other material:	Yes	Polymerization Risks:	No
If Yes, which ones:	Mineral and organic acids.		



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritation.

Skin: Prolonged or repeated contact may cause irritation to the skin. May cause defatting.

Inhalation: Overexposure may cause nasal and respiratory irritation.

Ingestion: May cause irritation to the G.I. system, nausea, vomiting and diarrhea. Aspiration of ingested material into lungs may cause chemical congestion which can be fatal.

Carcinogenicity: Not available

Toxic effects on reproduction: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Product with synergistic effects: Unknown.

May aggravate pre-existing dermatitis. May also provoke anemia.

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



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SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge.

Eyes: Full-face mask or safety glasses

Shoes: Leather

Clothing: Rubber Apron

Other: Shower

OTHERS

Ventilation: Use adequate ventilation

Procedure in case of leaks: Remove all sources of ignition (flames, sparks, etc.). Provide adequate ventilation. Avoid prolonged breathing of vapors. Remove to a container or absorb with clay, diatomaceous earth or other suitable inert absorbent.

Handling and Equipment Methods: Avoid inhalation, skin and eye contact. Wash repeatedly with soap and water during the workday.

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 residues according to municipal, provincial or federal laws for disposal of chemicals. Do not incinerate closed containers.



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SECTION VIII: FIRST AID

Skin: Remove contaminated clothing and shoes.
Wash immediately with plenty of soap and water.
Wash clothing before re-wearing.
Consult a physician if required.

Eyes: Rinse eyes immediately with plenty of water keeping the eyelids open in order to ensure a complete rinsing.
This should last at least 15 minutes for maximum protection.
Consult a physician immediately.

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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