

Material Safety Data Sheet

NFPA	Revision Date	Protective Clothing
100	01-19-99	

	emicaliProductano e					
Common Name/	Barsol A-4004			Code	60071200	
Trade Name				CAS#	Mixture	
Supplier	Barton Solvents, Inc. 1920 N.E. Broadway, P.O. Box 221 Des Moines, IA 50301			In case of Emergency	CHEMTREC (800) 424-9300	
Synonym	Not applicable					
Chemical Name	Nol applicable.					
Chemical Family	Solvent. (Solvent.)					
Chemical Formula	Not applicable.					
Manufacturer	Available upon request	Material Uses	Not availab	e.		

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Eye Contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used.		
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the imitated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.		
Hazardous Skin Contact	No additional information.		
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.		
Hazardous Inhalation	No additional information.		
Ingestion	Induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested, the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.		
Hazardous Ingestion	No additional information.		

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Name	CAS#	% by Volume	TLV/PEL	LC ₅₀ /LD ₅₀
{1,2-}Propylene glycol	57-55-6	>9	Not available.	ORAL (LD50): Acute: 20000 mg/kg [Rat.]. DERMAL (LD50): Acute: 20800 mg/kg [Rabbit.].
Water	7732-18-5	>9	Not available.	Not available.

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Section IV. Hazard	ds Identification	
Potential Acute Health Effects	Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), inhalation. Non-sensitizer for skin. Non-hazardous in case of ingestion.	of
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOYICITY: Not available.	-
	DEVELOPMENTAL TOXICITY: Not available. There is no known effect from chronic exposure this product. Repeated or prolonged exposure is not known to aggravate medical condition.	to
sterilen valletii	d Explosion Data	
Flammability of the Product	Combustible.	
Auto-Ignition Temperature	e The lowest known value is 415.56°C (780°F) (1,2-Propylene glycol).	
Flash Points	The lowest known value is CLOSED CUP: 103°C (217.4°F). (Pensky-Martens.). (1,2-Propyle glycol)	ne
Flammable Limits	The greatest known range is LOWER: 2.6% UPPER: 12.5% (1,2-Propylene glycol)	
Products of Combustion	These products are carbon oxides (CO, CO2).	
Fire Hazards in Presence of Various Substances	Slightly flammable in presence of open flames and sparks, of heat. Non-flammable in presence of oxidizing materials, of reducing materials, of combustil materials. Because of the large amount of water contained in the product, the product might be combustionly after partial or complete evaporation.	
Fire Fighting Media	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.	

Explosion Hazards	
	gideritat Release Measures
Small Spill	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

No additional remark.

When heated to decomposition it emits acrid smoke and irritating fumes. (1,2-Propylene glycol)

Precautions	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas, fumes, vapor or spray.
Storage	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightty closed. Keep in a cool, weli-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Special Remarks on Fire Hazards

Special Remarks on

Hygroscopic; keep container tightly closed. Incompatible with chloroformates. (1,2-Propylene

glycol)

No additional remark.

Special Remarks on

Special Remarks on

Reactivity

Corrosivity

Routes of Entry	Ingestion.		
Toxicity to Animals	Acute oral toxicity (LD50): 66667 mg/kg (Rat.) (Calculated value for the mixture). Acute dermal toxicity (LD50): 69333 mg/kg (Rabbit.) (Calculated value for the mixture).		
Chronic Effects on Humans	Not available: The state of the		
Other Toxic Effects on Slightly hazardous in case of skin contact (irritant, permeator), of eye contact Humans inhalation. Non-sensitizer for skin. Non-hazardous in case of ingestion.			
Special Remarks oa Toxicity to Animals	No additional remark.		
Special Remarks on Chronic Effects on Humans	Can cause gastrointestinal disturbances. (1,2-Propylene glycol)		
Special Remarks on Other Toxic Effects on Humans	-No additional remark		

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products	The product itself and its products of degradation are not toxic.
	No additional remark.

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DOT Classification	Spicing (I/Onmation)
PIN	Not applicable.

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Federal and State Regulations

SARA 302/304/311/312 extremely hazardous substances:

No products were found.

SARA 313 toxic chemical notification and release reporting:

No products were found.

CERCLA hazardous substances:

No products were found.

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Barsol A-4004 Page Number: 5 All components of this product are listed on the TSCA inventory. WHMIS (Canada) Not controlled under WHMIS (Canada). Other Classifications DSCL (EEC) Not controlled under DSCL (Europe). Health Hazard (1) National Fire HMIS (U.S.A.) Fire Hazard Protection Fire Hazard Reactivity Health Association (U.S.A.) Reactivity (0) Specific hazard Personal Protection Protective Clothing (Pictograms)



Section XV	-College intermetation	
References	Not available.	
Other Special Considerations	No additional remark.	
Validated by Barte	on Solvents, Inc. on 1/19/99.	Verified by Barton Solvents, Inc
		Printed 1/19/99.
Daytime Phone	(515)-265-7998	

Notice to Reader

