



Kem Canada Mfg., 4 Blair Dr., Brampton, Ontario L6T 2H5

WHMIS: D2B

1. PRODUCT IDENTIFICATION:

PRODUCT NAME: GALLIC ACID MSDS DOCUMENT CODE: TR201099	PRODUCT CODES: TR20100
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2. HAZARDOUS INGREDIENTS

Name	CAS #	% Range	TLV	LD ₅₀ (Oral Rat)	LC ₅₀ (Inh. Rat)
Gallic Acid	5995-86-8	0.1-1.0	No data	No Data	No Data

3. PHYSICAL DATA:

Odour and Appearance: White to yellow crystals or powder; odourless.	Odour Threshold: No Data	Specific Gravity: 1.70	Vapour Pressure: Not Applicable	Vapour Density: Not available
Evaporation Rate: Not applicable	Solubility in Water: Moderate		Boiling Point: 100°C	Melting Point: 222°C (431°F)
% Volatile (by wt.): 1	pH (100% Sol'n): No Data		Density: Not available	Coeff. Oil/Water Distr: Not available

4. FIRE & EXPLOSION DATA:

Flash Point (method): None	LEL: Not applicable	UEL: Not applicable	Autoignition Temp. Not applicable
Extinguishing Media: As appropriate for surrounding materials.			
Hazardous Combustion Products: No data.			
Special Fire Fighting Procedures: As appropriate for surrounding materials.			
Unusual Fire & Explosion Hazards: None			

5. REACTIVITY DATA:

Stability: Stable
Conditions to Avoid: None known
Incompatibility: Strong oxidizing agents, carbonates, ammonia.
Hazardous Decomposition Products: None known.

6. HEALTH HAZARD DATA:

Primary Route of Entry:	Eyes: Yes	Skin: No	Inhalation: No	Ingestion: Yes
Acute Effects:				
Eyes: May cause irritation.				
Skin Contact: May cause irritation				
Inhalation: Excessive breathing of dust may cause irritation of respiratory tract.				
Ingestion: None identified.				
Chronic Effects: No data.				

7. FIRST AID PROCEDURES:

Eye Contact: Flush with running water for at least 15 minutes. Get medical attention if symptoms occur.
Skin Contact: Wash thoroughly with soap and water for at least 15 minutes. Remove contaminated clothing. Get medical attention if irritation occurs. Launder contaminated clothing before reuse.
Ingestion: Have person drink large amounts of water. Do not give fluids if person is unconscious or convulsing. Consult a physician.

8.0 TOXICOLOGICAL DATA:

Carcinogenic, Mutagenic, Teratogenic, Reproductive Effects: None known.
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9. SPILL & DISPOSAL PROCEDURES

Spill & Leak: Sweep up and transfer to suitable container for reuse or disposal. Flush remaining material with volumes of water.
Disposal: Dispose of in accordance with all Local, Provincial and Federal regulations.

10. PRECAUTIONARY MEASURES

Personal Protective Equipment:			
Gloves: Rubber	Respiratory: None for normal use. NIOSH/MSHA approved dust mask if TLV is exceeded.	Eyes: Safety goggles	Footwear: No special requirements
Clothing: No special requirements	Other: Eye wash and safety shower.	Ventilation: No special requirements. General or local exhaust if dusting occurs.	

Handling: Avoid contact with eyes and skin. Wash thoroughly after handling.

Storage: Store in a cool area. Keep container closed when not in use.

11. TDG SHIPPING INFORMATION:

Shipping Name: Not regulated	UN No.	Packing Group:
Class:		

12. PREPARATION INFORMATION:

Date Prepared/Reviewed: October 14, 2003	Tel. # (905)-456-9444	Fax. # (905) 456-9447
The information above has been obtained from reliable sources and is believed to be accurate but does not claim to be all inclusive and should be only used as a guide.		