

**Compound Name: Canker-Solv™**

**Synonyms: Formerly Known As: Citra-Solv**

<b>Product Information</b>	<b>Shipping Name</b>	<b>DOT:</b>	Canker-Solv™	
		<b>IATA:</b>		
		<b>IMCO:</b>		
	<b>Formula:</b> See Below.		<b>Chemical Family:</b> Quaternary Ammonium Compounds	

Ingredients:	Material of Component	%	CAS #	Hazard Class
	Alkyl (C <sub>12</sub> – C <sub>16</sub> ) dimethyl benzyl ammonium chloride (CAS #68424-85-1)	8.68%	ND	<u>2</u> - Health
	Octyl decyl dimethyl ammonium chloride (CAS #32426 -11-2)	6.51%	ND	<u>1</u> - Fire
	Diocetyl dimethyl ammonium chloride (CAS #5538-94-3)	3.255%	ND	<u>0</u> - Reactivity
	Didecyl dimethyl ammonium chloride (CAS #7173-51-5)	3.255%	ND	<u>0</u> - Other
	Sodium Metasilicate (CAS #6834-92-01)	1.20%	ND	
	Tetrasodium ethylenediamine tetraacetate (CAS #64-02-8)	7.50%	ND	
	Polyethylene glycol 9 moles (CAS #68131-40-8)	5.00%	ND	
	Water	74.66%	ND	

<b>Physical Data</b>	<b>Melting Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O=1)</b>	0.990 - 0.998
	<b>Boiling Point</b>	ND	<b>Solubility in H<sub>2</sub>O (% by Wt)</b>	Soluble
	<b>Vapor Pressure</b>	ND	<b>% Volatiles by Weight</b>	ND
	<b>Vapor Density (Air - 1)</b>	ND	<b>Evaporation Rate (butyl acetate = 1)</b>	ND
	<b>Room Temperature, Appearance &amp; State</b>	Color -less to light straw in color	pH (as is)	13.0 +/- .3

	Odor	Benzaldehyde odor	pH (1% Solution)	ND
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<b>Fire, Explosion And Reactivity Data</b>	<u>Flash point:</u> over 200°F		<b>Explosion (%)</b>	Upper: ND Lower: ND	
	Auto-ignition Temperature	ND			
	<u>Extinguishing Media:</u> <input type="checkbox"/> Water <input checked="" type="checkbox"/> Water Fog <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> Dry Chemical <input checked="" type="checkbox"/> Foam				
	<u>Special Fire Fighting Procedures:</u> Cool fire exposed containers with spray. Must wear MSHA/NIOSH approved self-contained breathing apparatus. Explosive mixtures can form with air. Combustion products are toxic. Solvent vapors can travel to ignition source and flash back.				
	Degree of Fire and Explosion Hazard:		ND	Stable <input checked="" type="checkbox"/> Unstable <input type="checkbox"/>	
	Hazardous Polymerization:		<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur		
	<u>Conditions to Avoid</u> - Mixing with strong oxidizers or reducing agents.				
	<u>Major Contaminates that may contribute to instability</u> - Oxidizers and reducing agents.				
	<u>Incompatibility</u> - Strong oxidizers and reducing agents				
	<u>Hazardous Decomposition Products</u> - Toxic hydrogen chloride fumes and oxides of carbon and nitrogen.				
	Route	Hazard Classification:		Source	Date

Routes Of Exposure	Inhalation	Irritation of mucous membrane can be caused by solvent vapors or mists of product.		
	Skin Contact	Irritation, Corrosive.		
	Skin Absorption			
	Eye Contact	Corrosive. Eye damage can result from direct contact.		
	Ingestion	May be fatal. Burning pain in the mouth, throat, abdomen, swelling of the larynx, skeletal muscle paralysis affecting the ability to breathe, circulatory shock, convulsions.		

Effects Of Over- exposure	<u>Acute Exposure</u> : ND
	<u>Chronic Exposure</u> : ND

Emergency And First Aid Procedures	<u>Eyes</u> : Immediately flush eyes with water for at least 15 minutes. Call physician.
	<u>Skin</u> : Immediately flush skin area with water for at least 15 minutes. Call a physician if inflammation results.
	<u>Inhalation</u> : Seek fresh air or well-ventilated area. Call a physician.

	<p><b>Ingestion:</b> If swallowed drink promptly, large quantity of egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.</p> <p><b>Note to physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage.</p>
	<p><b>Decontamination Procedures:</b> Soda ash and absorbent.</p>
	<p><b>Note:</b> If large dose (e.g. 20g) is ingested it may cause nausea and vomiting. If vomiting is not spontaneous, do not induce vomiting.</p>

Special Protection Information	Ventilation Requirements:	Mechanical (Explosion proof)
	Recommended Personal Protection Equipment:	Splash proof safety goggles, Neoprene gloves, impervious apron, eyewash station, emergency shower and face shield.
	Respiratory (Specify Conditions):	None, if good ventilation is maintained.
	Eyes:	Splash proof safety goggles or face shield.
	Glove:	Neoprene or rubber gloves.
	Special Clothing And Equipment:	Impervious apron.

Precautionary Statement	Danger "Keep Out Of Reach Of Children"
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Storage And Handling	Keep from freezing. Store in original container.
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Disposal, Spill Or Leakage Procedures	Aquatic Toxicity Classification:	Source	Date
	Hazardous to aquatic life. (fish)		
	<u>Procedure for Release or Spill:</u> Remove ignition sources. Wear respirator. Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.		
	<u>Waste Disposal Method:</u> Incinerate. Make sure all federal, state and local regulations are observed.		
	<u>Neutralizing Chemicals:</u> Soda Ashe		

<b>Transportation Data</b>	<b>Proper Shipping Name</b>	<b>Disinfectant Liquid Corrosive (Quaternary Ammonium Compound) , N.O.S. , 8, UN1903, PGIII</b>
	<b>DOT Classification: Hazardous Material</b>	
	<b>DOT Labels: N/A</b>	
	<b>DOT Markings: Corrosive Liquid</b>	
	<b>DOT Placard: Corrosive Liquid</b>	
	<b>UN Number: UN 1903</b>	
	<b>Hazardous Substance / RQ: N/A</b>	
	<b>49 STCC Number: N/A</b>	
	<b><u>Emergency accident precautions and procedures:</u> Call ChemTrec or Haz. Mat Team.</b>	
	<b><u>Precautions to be taken in transportation:</u> Secure load tightly in place.</b>	
	<b>CMA Chemcard Number: N/A</b>	
<b>Type of Packages: 55-Gallon Poly Drum.</b>		

<b>Additional Regulatory Concerns</b>	<b>Parent Material is recorded in EPA TSCA Inventory List.</b>
	<b>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> .</b>
<b>Other Comments: None.</b>	