

Material Safety Data Sheet

This information herein is given in good faith, but no warranty expressed or implied is made. Consult Gingi-Pak for further information.	Gingi-Pak, a division of Belpo Company Inc. 4825 Calle Alto Camarillo, CA 93012
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MSDS Identification Number 12114 & 12115	Date Issued February 2005	Issued By OM	Emergency Phone (805) 484-1051	IV. Fire, Explosion and Reactivity Information														
I. Product Identification: Gingi-Aid Solution				Flash Point: (with test method) Non Combustible	Flammable (Explosive) Limits V/V LEL: UEL: Negligible													
Chemical Name: Aluminum Chloride Hexahydrate		Chemical Family: Metal Salt		Extinguishing Media CO ₂ , H ₂ O spray, foam, dry chem. 1984 Guide														
Trade Name: Active Ingredient Aluminum Chloride		Formula: AlCl ₃ ·6H ₂ O		Special firefighting procedures: Self contained breathing apparatus and fuel protective clothing.														
II. Hazardous Constituents:				Unusual fire and explosion hazards: Crystalline form emits toxic and corrosive fumes under fire conditions.														
Constituent	Percent	CAS Number	NIOSH RTECS Number	OSHA PEL	ACGIH TLV	General Reactivity: Stable under normal temperatures and pressure.												
Aluminum Chloride	22-26%	07784-13-6			1984-85	Incompatibility (materials to avoid): Corrosive to most metals. Hazardous decomposition products: Thermal decomposition may release corrosive Hydrogen Chloride.												
Sodium Bicarbonate As needed.		144-55-8																
III. Physical Data:				V. Health and Hazard Information:														
Freezing Point: N/A		Vapor Pressure (mmHg): N/A		Primary Routes Of Exposure	Inhalation:													
Melting Point: 212°F		Vapor Density (AIR-1): N/A			Ingestion: X													
Boiling Point: N/A		Specific Gravity (H ₂ O=1): 2.398-2.44		Toxicity	Skin: X													
Sublimes: N/A		Solubility In Water: Soluble			Eyes:													
Evaporation Rate: N/A		% Volatiles By Volume: N/A		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">ORL-RAT Dose</td> <td style="padding: 2px;">LD50 3750 mg/kg</td> <td style="padding: 2px;">Limits</td> <td style="padding: 2px;">Duration</td> </tr> <tr> <td style="padding: 2px;">SKN-Human</td> <td style="padding: 2px;">7500 mg</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">3 days</td> </tr> <tr> <td style="padding: 2px;">DND-Mam</td> <td style="padding: 2px;">40 mmo1/L</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">2 days</td> </tr> </table>			ORL-RAT Dose	LD50 3750 mg/kg	Limits	Duration	SKN-Human	7500 mg		3 days	DND-Mam	40 mmo1/L		2 days
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SKN-Human	7500 mg		3 days															
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Appearance and Odor: Clear liquid state/white crystalline powder				Effects of Overexposure	Acute: Mild skin irritation – 7500 mg level with intermittent application over 36 hours Chronic: Acid burn reaction on all sites.													
				Carcinogenic References	None													
				Medical Conditions Aggravated by Exposure	Patients known to have a history of hypersensitivity to Aluminum Chloride.													

V1. Emergency and First-Aid Procedures		IX. Special Precautions	
Inhalation	Consult physician if irritation of respiratory passages occurs and remove to fresh air immediately.	Handling Precautions	None
Ingestion	Consult physician.	Storage Precautions	Avoid contact with water or moist air.
Skin	Wash with soap and water.	X. DOT Shipping Requirements	
Eyes	Flush with water.	Shipping Name	None
VII. Industrial Hygiene Control Measures		Identification Number	None
Ventilation	Local Ventilation.	Hazard Class	None
Respiratory Protection	Dust mask recommended.	Labels Required	None
Protective Gloves	Suitable to avoid contact.	Product Hazard Warning Label	
Eye Protection	Safety Glasses.	Caution: Federal Law restricts this product to sale and use on the order of a Dentist.	
Medical Surveillance	Do Not use gastric eavage.	Precaution: Discontinue use if irritation appears. FOR TOPICAL APPLICATION ONLY. Keep away from eyes.	
VIII. Environmental Protection Information			
Steps to be taken if material is released or spilled.	Collect to suitable container		
Waste Disposal Method.	Dispose of or incinerate in accordance with local regulations.		
Environmental Hazards	Not Found.		