



MATERIAL SAFETY DATA SHEET

GUNDLACH GC32/GC33 FEEL SAFE NON-SLIP SURFACE TREATMENT

Section I - Product Identity

Product Name	Gundlach Feel Safe
Chemical Family	Hydrochloric Acid
CAS Registry #	Mixture
Emergency Infotrac Number	800-535-5053
Date Prepared	August 1, 2008
Prepared By	Beno J. Gundlach

Section II - Hazardous Components/Composition Information

CHEMICAL NAME	CAS #	WEIGHT (%)	OSHA PEL TWA	ACGIH PEL TWA	NOTES
Hydrochloric Acid	7647-01-0	1-2	5	5	

Section III - Physical and Chemical Properties

Boiling Point	<212 °F	Specific Gravity (H ₂ O=1)	1.005
Vapor Pressure	<25.0 mm Hg	Vapor Density (Air=1)	>1
Percent Volatile By Weight	81%	Evaporation Rate (BuAc=1)	N.A.
Solubility in Water	Soluble	Volatile Organic Content	<1%
pH	<2		
Appearance and Odor	Clear thin liquid with slight chemical odor		

Section IV - Firefighting Measures

Flash Point (Method Used)	N.A.
Flammable Limits in Air (% by Volume)	N.A.
Extinguishing Media	Water spray, foam, dry chemical, CO ₂ .
Special Firefighting Procedures	Self-contained breathing apparatus.
Unusual Fire and Explosion Hazard	Toxic fumes may be emitted if material is exposed to extreme temperatures.

Hazard Ratings

NFPA Rating (based on Standard 704)	(4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant)
Health	1
Flammability	0
Reactivity	0

Section V - Stability & Reactivity

Stability	Stable	XX	Unstable	
Conditions to Avoid	Keep away from heat or open flame			
Incompatibilities	Avoid contact with strong oxidizing agents.			
Hazardous Decomposition or By-Products	Smoke, CO, CO ₂ , and other toxic fumes.			
Hazardous Polymerization	May Occur		May Not Occur	XX

Section VI - Health Hazard Data

Primary Routes of Entry	Inhalation	XX	Dermal	XX	Eye	XX
Acute Health Hazard	No information available.					
Chronic Health Hazard	No information available.					
Carcinogenity	No information available.					
NTP?	No	IARC Monograph?	No	OSHA Regulated?	No	
Signs and Symptoms of Exposure						
Skin Contact	Prolonged or repeated skin contact may result in irritation leading to Dermatitis. Defatting of skin may also occur.					
Eye Contact	May result in severe irritation and possible damage of the Corneal. Redness or Tearing.					
Ingestion	May result in Gastrointestinal irritation, Headache, Nausea, Vomitting, and Diarrhea.					
Inhalation	Prolonged exposure to vapors may cause signs & symptoms of Central Nervous System Depression such as Headache, Dizziness, Weakness, and Loss of Coordination. Vapor/Mist may result in irritation to the entire Respiratory Tract.					
Medical Condition Generally Aggravated by Exposure	No information available.					

Section VII - Emergency First Aid Procedures

Eyes	Remove contact lenses. Immediately flush eyes with water for 15 minutes. Call a physician.
Skin	Immediately wash skin with soap and water. Wash contaminated clothing before reuse. Get medical attention if needed.
Inhalation	Get to fresh air immediately. Get medical attention.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconcious person. Call a physician.
Inhalation	Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.

Section VIII - Personal Protection

Respiratory Protection	None if used as directed.
Ventilation	Good ventilation should be maintained.
Eye Protection	Safety glasses or monogoggles.
Protective gloves	Neoprene or rubber gloves.
Protective Clothing	Rubber apron.
Other Protective Equipment	Impervious apron and boots.
Other Precautions	Do not mix with other chemicals.

Section IX - Control Measures

Steps to be Taken in Case the Material is Released or Spilled	Keep unnecessary people away. Spills are slippery. Dike and contain with inert absorbent material. Collect for disposal.
Waste Disposal Method	As in accordance with EPA and local regulations.

Section X - SARA Title III

SECTION 313 SUPPLIER NOTIFICATION	This product contains the following toxic chemicals subject to the reporting requirements of SECTION 331 of the EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 and of 40 CFR 371.	
CAS #	Chemical Name	Percent by Weight
7647-01-0	Hydrochloric Acid	1-2
THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.		

Section XI Transportation Information

SHIPPING INFORMATION	This product is not regulated by D.O.T.
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THE INFORMATION AND RECOMMENDATIONS HEREIN, ARE TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE.
NO WARRANTY, EXPRESS OR IMPLIED, IS MADE OR INTENDED.

Section XII - Special Precautions

Storage and Handling Conditions	Store in a cool well ventilated area away from spark, heat, and open flame.
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