

# Material Safety Data Sheet

## GC ACID

<b>Product Name</b>	GripLine 6000 Converter	<b>HMIS Codes</b>			
<b>Product Code</b>	<b>GL60003CAT</b>	H	F	R	P
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<b>MANUFACTURES NAME</b>	U.S. Coatings				
<b>ADDRESS</b>	9200 Latty St. Louis, MO 63042				
<b>EMERGENCY PHONE</b>	1-314-239-4703	<b>Information Phone</b>	1-314-522-9552		
<b>DATE REVISED</b>	11/5/04				

### SECTION II HAZARDOUS INGREDIENTS/SRA III INFORMATION

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	OTHER	VAPOR PRESSURE Mm Hg @ Temp	Wt %
* Phosphoric Acid	7664-38-2	1mg/M3 TWA	1mg/M3 TWA	3mg/M3STEL	6.0    104 <sup>0</sup> F	19
* Normal Butyl Alcohol	71-36-3	50 PPB	50 PPB		4.1    68 <sup>0</sup> F	75

- Indicates toxic chemical (s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>BOILING RANGE</b>	241 to 320 <sup>0</sup> F	<b>SPECIFIC GRAVITY</b>	.9
<b>VAPOR DENSITY</b>	Heavier than air	<b>EVAPROATION RATE</b>	Slower than either
<b>COATING V.O.C</b>	6.11 lbs per gal		
<b>MATERIAL V.O.C.</b>	5.76 lbs per gal		
<b>SOLUBILITY IN WATER</b>	Soluble		
<b>APPEARANCE AND ODOR</b>	Clear Liquid with Solvent Order-Sweet		

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT</b>	98 <sup>0</sup> F	<b>METHOD USED</b>	Closed Cup
<b>FLAMMABLE LIMITS IN AIR BY VOLUME</b>		<b>LOWER</b>	1.4%
		<b>UPPER</b>	11.2%
<b>EXTINGUISHING MEDIA</b>	FOAM, ALCOHOL FOAM	WATER,	FOG, OTHER
	DRY CHEMICAL		

#### SPECIAL FIREFIGHTINGG PROCEDURES

Use supplied air full face respirator operating in positive pressure demand mode and impervious turn out gear and chemical resistant personal protective equipment. Evacuate non essential personnel

<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	
High Temperature will cause combustion	
<b>STABILITY</b>	Stable

## SECTION V - REACTIVITY DATA

<b>CONDITION TO AVOID</b>	
High Heat, amines, strong oxidizers, bases and warm storage	
<b>INCOMPATIBILITY (MATERIALS TO AVOID)</b>	
Strong acids, bases, oxidizers and epoxy hardners under uncontrolled conditions	
<b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS</b>	
Fumes, carbon dioxide, carbon monoxide, acid smoke	
<b>HAZARDOUS POLYMERIZATION</b>	May Occur
Will autopolymerize at very high temperature only. Will polymerize exothermically above 100 F	

## SECTION VI - HEALTH HAZARD DATA

<b>INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE</b>						
Remove to fresh air. If breathing is labored administer oxygen., Call physician . May cause allergic reactions and lung injury, CNS Depression						
<b>SKING AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE</b>						
Mild to moderate irritation possible. Eye contact flush with water immediately. Continue to flush for 30 minutes and obtain emergency medical attention. Skin that was exposed wash thoroughly with soap and water.						
<b>SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE</b>						
Wash exposed areas thoroughly with soap and water and flush for 10 minutes. Solvents only increase contact and dry skin.						
<b>INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE</b>						
Induce vomiting only if person is conscious. Obtain emergency medial help. Will cause illness						
<b>HEALTH HAZARDS (ACUTE AND CHRONIC)</b>						
See Above						
<b>CARCINOGENICITY</b>	<b>NTP?</b>	NO	<b>IARC MONOGRAPHS</b>	NO	<b>OSHA REGULATED</b>	Yes
<b>MEDICAL CONDITIONS GENERALLY AGGRAVEATED BY EXPOSURE</b>						
Possible skin irritant and sensitizer. Ingestion will cause illness. Eye contact will cause irritation.						
<b>EMERGENCY AND FIRST AID PROCEDURES</b>						
Flush eyes with water immediately. Continue to flush for 30 minutes and obtain emergency medical attention. Skin contact wash exposed areas thoroughly with soap and water and flush for 10 minutes. It is not recommended to remove coating from skin with solvents. This will only increase contact and dry skin. Ingestion induce vomiting only if person is conscious. Obtain emergency medical attention. Inhalation remove to fresh air. If breathing is labored administer oxygen. If individual is drowsy or unconscious, do not give anything by mouth. Place individual on left side head down. Call physician.						

## SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b>
Remove all possible sources of ignition or polymerization. Equip personnel with proper protection. Dike in spill to prevent from spreading. Collect for disposal. Use absorbent to soak up remainder of liquid. Material will float on water. Report all spills to the proper Authorities.
<b>WASTE DISPOSAL METHOD</b>
Remove contaminated materials for disposal to a permitted facility using registered transporters. Incineration is the preferred method of disposal. Dispose of waste according to all Federal, state, locals laws governing the disposal of hazardous waste material.
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b>
Use and store only with adequate ventilation or use respiratory protection., Keep away from all open flames and ignition sources. Store in Non flammable environments. Must be stored in temperatures below 90 °F for period longer than two weeks. Containers should be grounded and bonded when pouring.
<b>OTHER PRECAUTIONS</b>
<b>Protect container against physical damage. All label warnings must be observed until container has been cleaned or reconditioned. KEEP CONTAINER COOL STORE AT 60°F TO EXTEND SHELF LIFE OF THE PRODUCT.</b>

## SECTION VIII – CONTROL MEASURES

<b>RESPIRATORY PROTECTION</b>
Unless air monitoring demonstrates vapor/mist levels are above applicable limits no respirator is required. If respirator is required, the appropriate properly fitted respirator (NIOSH/MSHA approved) should be worn during application. Follow respirator manufacturer's directions for use.
<b>VENTILATION</b>
Use and store only with adequate ventilation to maintain exposure below TLV(S).
<b>PROTECTIVE GLOVES</b>
OSHA approved Neoprene coated fabric is recommended for this application. Do not allow skin contact.
<b>EYE PROTECTION</b>
If potential for splashing is present, splash goggles or full face shield should be worn.
<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT</b>
If other potential for skin contact is present, wear impervious protective clothing, Neoprene coated fabric is recommended for this application. <b>DO NOT ALLOW SKIN CONTACT.</b>
<b>WORK/HYGIENIC PRACTICES</b>
Always wash exposed areas before smoking or using bathroom with soap and water or after use.

## SECTION IX - DISCLAIMER

### **DISCLAIMER**

This information contained above is given in good faith based on the best data available at this time. No warranty, expressed or implied is made. User assumes full responsibility for determination appropriate use and application of the product. U.S. Coatings, Inc. further assumes no responsibility for personal injury or property damage caused by this material