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MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: THE ACID TEST -ITEM# ATK-4			Page 1 of 4
GENERAL USE: CHEMICAL ADDITIVE PRODUCT DESCRIPTION: Clear blue/purple liquid, characteristic mild odor.			
MANUFACTURER'S NAME	DATE PREPARED: March 10, 2009		
ADDRESS (NUMBER, STREET, P.O. BOX)	SUPERSEDES: July 22, 2002	TELEPHONE NUMBER FOR INFORMATION	
(CITY, STATE AND ZIP CODE)	COUNTRY	EMERGENCY TELEPHONE NUMBER ChemTel Inc. 1- (800) 255-3924 Intl. + 01 (813) 248-0585	

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW			
Mild liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Hazard symbols-Xi. Risk Phrases - R 36/38			
POTENTIAL HEALTH EFFECTS			
INHALATION: High concentrations of mist are irritating to the respiratory tract; vaporization is not expected at ambient temperatures.			
SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis.			
EYES: High vapor concentration or contact may cause minimal irritation and discomfort.			
INGESTION: Practically non-toxic; may cause gastric distress, vomiting and diarrhea. DO NOT induce vomiting.			
CARCINOGENICITY	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	EINECS #	% (by weight)	OSHA PEL		ACGIH TWA		RQ
				PPM	MG/M3	PPM	MG/M3	
Dipropylene glycol n-butyl ether	29911-28-2	249-951-5	>99					not established



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SECTION 4 - FIRST AID MEASURES	
INHALATION: Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.	
SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.	
EYES: Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.	
INGESTION: DO NOT induce vomiting; if vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs; seek immediate medical attention. Small amounts entering mouth should be rinsed out until taste is gone.	
SECTION 5 - FIRE FIGHTING MEASURES	
FLASH POINT (METHOD USED) >200° F (>93.3° C) PMCC	FLAMMABLE LIMITS LEL: not applicable UEL: not applicable AUTOIGNITION TEMPERATURE: Not determined NFPA CLASS: IIIB
GENERAL HAZARDS: Product will support combustion. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.	
EXTINGUISHING MEDIA Carbon dioxide, water, water fog, dry chemical, chemical foam	
FIRE FIGHTING PROCEDURES Self - contained respiratory equipment; cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. Caution - material will support combustion.	
UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers can explode due to buildup of pressure when exposed to extreme heat.	
HAZARDOUS COMBUSTION PRODUCTS Smoke, fumes, oxides of carbon	
SECTION 6 - ACCIDENTAL RELEASE MEASURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills-wash to sanitary sewer with plenty of water. Large spills-confine spill, soak up with approved absorbent, shovel product into approved container for disposal. Wash area with plenty of water. Do not discharge into lakes, ponds, streams or public waters.	
SECTION 7 - HANDLING AND STORAGE	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.	
SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION	
ENGINEERING CONTROLS The use of local exhaust ventilation is recommended. No other special controls are indicated.	
PERSONAL PROTECTION:	
RESPIRATORY PROTECTION: None required while threshold limits (Section 2) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.	
PROTECTIVE GLOVES: Neoprene or rubber gloves with cuffs.	
EYE PROTECTION: Protective eyeglasses or chemical safety goggles. Refer to 29 CFR 1910.133, ANSI Z87.1, or European Standard EN166.	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby	
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.	



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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES				
APPEARANCE AND ODOR Clear blue/purple liquid, characteristic mild odor.		VAPOR DENSITY (AIR = 1) 6.6		
SPECIFIC GRAVITY (WATER = 1) .910		EVAPORATION RATE (Water = 1) < 1		
SOLUBILITY IN WATER Moderate 1-10%		% VOLATILE (BY WEIGHT) Not determined		
pH Not applicable		VAPOR PRESSURE <0,1 mm Hg @ 20° C		
BOILING POINT 444° F (228.9° C)		FREEZING POINT Not determined		
VISCOSITY Not determined.		VOLATILE ORGANIC COMPOUNDS (VOC's) >99%		
SECTION 10 - STABILITY AND REACTIVITY				
STABILITY UNSTABLE: STABLE: XXX		CONDITIONS TO AVOID: Extreme temperatures.		
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids				
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.				
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX		CONDITIONS TO AVOID: None		
SECTION 11 - TOXICOLOGICAL INFORMATION				
Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient Species and Route	LC50 of Ingredient Species
Dipropylene glycol n-butyl ether	29911-28-2	249-951-5	4400 mg / kg Oral - rat	>2.04 mg / L / 4H Inhalation - rat
SECTION 12 - ECOLOGICAL INFORMATION				
No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.				
SECTION 13 - DISPOSAL CONSIDERATIONS				
WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations; this product is toxic to fish, do not discharge into lakes, ponds streams or public waters. Product is classified as non-hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your local, state or Federal Environmental Protection Agency before disposing of chemicals,				
SECTION 14 - TRANSPORT INFORMATION				
PROPER SHIPPING NAME: Not Regulated				
DOT HAZARD CLASS / Pack Group: Not Regulated		IATA HAZARD CLASS / Pack Group: Not regulated		
REFERENCE: Not Applicable		IMDG HAZARD CLASS: Not regulated		
UN / NA IDENTIFICATION NUMBER: None		RID/ADR Dangerous Goods Code: Not regulated		
LABEL: None Required		UN TDG Class / Pack Group: Not regulated		
HAZARD SYMBOLS: None		Hazard Identification Number (HIN): Not regulated		
Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.				

