

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME: THE ACID TEST -ITEM#16001**

GENERAL USE: NOMINAL Ph TESTIG FLUID

PRODUCT DESCRIPTION: Clear blue/purple liquid, characteristic mild odor.

MANUFACTURER'S NAME

Highside Chemicals, Inc.

DATE PREPARED: March 3, 2012

SUPERSEDES: July 22, 2002

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ADDRESS (NUMBER, STREET, P.O. BOX)

11114 Reichhold Road

(CITY, STATE AND ZIP CODE)

Gulfport, MS 39503

COUNTRY

USA

TELEPHONE NUMBER FOR INFORMATION

(228) 896-9220

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	LBS
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: III B

**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 3) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. However, no limits have been established at this time.

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.

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**SECTION 15 - REGULATORY INFORMATION**

**TSCA (Toxic Substance Control Act)**

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

**SARA TITLE III (Superfund Amendments and Reauthorization Act)**

311/312 Hazard Categories  
 None

313 Reportable Ingredients:  
 None

**CERCLA (Comprehensive Response Compensation and Liability Act)**

None

**California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986**

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

**CPR (Canadian Controlled Products Regulations)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**IDL (Canadian Ingredient Disclosure List)**

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 3.

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)**

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

**EINECS (European Inventory of Existing Commercial Chemical Substances)**

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 1

VbK Index: A I

**Risk Phrases**

R36/38 Irritating to eyes and skin.

**SYMBOL(S) REQUIRED FOR LABEL**

Irritant

**Safety Phrases**

S2 Keep out of reach of children  
 S24 Avoid contact with skin  
 S25 Avoid contact with eyes

**SECTION 16 - OTHER INFORMATION**

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on Information from similar products, the ingredients, technical literature, and/or professional experience.

**HMIS HAZARD RATINGS**

HEALTH	1	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	1	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME

PERSONAL PROTECTIVE EQUIPMENT B Safety Glasses, Gloves, Vapor Respirator

**REVISION SUMMARY:**

This MSDS has been revised in the following sections:  
 Format update; Section 14, DOT classification

**MSDS Prepared by:**

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.