

# MATERIAL SAFETY DATA SHEET

## LIQUID LAUNDRY DETERGENT

HAZARD RATING	HAZARD IDENTIFICATION RATING SCALE		
HEALTH	1	0	=LEAST
FLAMMABILITY	0	1	=SLIGHT
REACTIVITY	0	2	=MODERATE
		3	=HIGH
		4	=EXTREME

### HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK
2-Butoxy Ethanol	11176-2-25	25ppm	25ppm		

NOTE: AN '\*' UNDER 'SK' (SKIN) INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT.

### PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: >212 F  
Vapour Pressure (mm Hg): ND  
Vapour Density (Air=1): >1  
Solubility in Water: COMPLETE

Appearance and odour: Blue liquid with spring fresh odour.  
Specific Gravity (H2O=1): 1.05  
Melting Point: NA  
Evaporation Rate:(Butyl Acetate=1) <1

### FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):NONE

Flammable Limits: LEL:N/A UEL: N/A

Extinguishing Media: Carbon dioxide, dry chemical, or alcohol foam.

Special Fire Fighting Procedures: NONE.

Explosion Hazards: NONE

Zurcher Street, San Fernando, Trinidad, West Indies.

Telephone: (868) 652-6712 | Email: admin@allchemtt.com | www.allchemtt.com

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### REACTIVITY DATA

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Stability: Stable  
Incompatibility (Materials to Avoid): Oxidizers or strong acids.  
Hazardous Decomposition or By-products: Heat, carbon dioxide, and carbon monoxide.  
Hazardous Polymerization: Will not occur.

### HEALTH HAZARD DATA

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Health Hazards (Acute and Chronic): NONE KNOWN  
Routes of Entry, Signs of Exposure, and Symptoms of Exposure:  
SKIN and EYES: Severe irritant to eyes.  
INHALATION: Irritation and difficulty in breathing  
INGESTION: Gastric pain and vomiting.  
Medical Conditions Generally Aggravated by Exposure: Unknown  
Carcinogenic: NONE

Emergency and First Aid Procedures:  
SKIN & EYE CONTACT: Rinse skin with clear water. For eye contact immediately flush with clear running water for 15 minutes. Get medical attention.  
INHALATION: Remove to fresh air. If breathing does not return to normal, get medical attention.  
INGESTION: Immediately drink large quantities of water. Get medical attention.

### PRECAUTIONS FOR SAFE HANDLING AND USE

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SPILLS: Dilute with water and flush to sanitary sewer in accordance with federal and state regulations.  
Handling and Storing: Keep container closed when not in use. Do not freeze. Follow label instructions.  
Other Precautions: Keep this and all chemicals out of the reach of children.

### CONTROL MEASURES

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Respiratory Protection (Specify Type): For exposure above established limits (see section II) use NIOSH/MSMA approved dust/mist mask.  
Ventilation: Mechanical: Recommended.  
Protective Gloves: Rubber or neoprene.  
Eye Protection: Safety glasses.  
Other Protective Clothing or Equipment: Drenching safety shower and eye wash station.

### ADDITIONAL INFORMATION

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### DISCLAIMER

AllChem Limited does not accept responsibility for misuse of this product or injuries/damages that may occur due to failure in adhering to the safety precautions outlined on this document.