

MATERIAL SAFETY DATA SHEET

CLEANER & DEGREASER

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-BUTOXYETHANOL	111-76-2	25ppm	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): >1
 Vapour Density (Air=1): ND
 Solubility in Water: COMPLETE

Appearance and odour: Clear purple liquid with clean odour.
 Specific Gravity (H2O=1): 1.01
 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

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REACTIVITY DATA

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

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

SPILLS: Dilute with water and flush to sanitary sewer..
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

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: Chemical goggles with side shields.
Other Protective Clothing or Equipment: Drenching safety shower and eye wash station.

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ADDITIONAL INFORMATION

ENVIRONMENTAL BIODEGRADABILITY: BIODEGRADABLE.

SARA TITLE III REPORTING REQUIREMENTS
SECTION 302, 304 REPORTING NOT REQUIRED
311, 312 REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
313 REPORTING MAY BE REQUIRED FOR USERS IN MANUFACTURING SECTOR.
CERCLA SAME AS SECTION 304

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.