

# Blue Butyl

*A concentrated all-purpose butyl cleaner and degreaser for all types of equipment. Versat enough to be used in a spray bottle for general cleaning and heavy duty degreasing and cleaning through a pressure washer.*



### Where To Use

Vinyl	Formica	Concrete Floors	Porcelain
Metals	Rubber	Carpet Spotting	Table Tops
Walls	Terrazzo	General Cleaning	Degreasing

### Dilution

- For all-purpose cleaning - 1/30
- For floors, asphalt and vinyl - 1/20
- For aluminum and marble - 1/10
- For batterics, concrete floors, etc. - 1/3

### Directions

Scrape off heavy deposits of grease and grime. Spray or mop on surface. Allow to dwell on badly soiled or greasy areas, allowing the high solvent to do much of the cleaning work. Agitate with soft brush if needed. Wipe off with soft cloth or rag.

### Technical Specifications

COLOR: ..... Transparent Blue	VISCOSITY: ..... Water thin
FORM: ..... Liquid	STORAGE(Unopened): 1 Year @R.T.
SCENT: ..... Solvent	BIODEGRADABLE: .... Yes
pH: ..... 13.2	WEIGHT PER/GAL: .... 8.3 lbs.
FLASH POINT:.. None	SHIPPING CLASS: ..... None
FOAM: ..... Low-med.	PACKAGING: ..... 4x1, 5gal, 55gal
TYPE: ..... Butyl-based HD degreaser/all-purpose cleaner	USDA: A



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**MATERIAL SAFETY DATA SHEET**

Product: BLUE BUTYL

MSDS No: B0320XXX

Rev No: 3

Date: 07/01/92

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**00. MANUFACTURER'S STATEMENT**

The information contained in this MSDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe - read this product safety information and pass it on to all persons that may be exposed to this product. Federal law requires it.

**01. SECTION I - PRODUCT IDENTIFICATION**

PRODUCT TYPE:	AL KALINE LIQUID CLEANING CMPD	FLAMMABILITY:	1: ABOVE 200 F
DOT SHIP NAME:	NOT D.O.T. REGULATED	HEALTH:	2: DANGEROUS
DOT HAZ CLASS:	NONE	REACTIVITY:	0: STABLE
DOT ID NUMBER:	NONE	SPECIAL HAZARD:	K: ALKALI

**02. SECTION II - INGREDIENTS IDENTITY INFORMATION**

INGREDIENT	OSHA PEL /ACGIH TLV	CAS NUMBER	PERCENT
WATER	NO LIMIT ESTABLISHED	7732-18-5	.00
Z-BUTOXY ETHANOL	25 ppm TLV	111-76-2	.00
SODIUM METASILICATE	2 mg/m <sup>3</sup> PEL	6834-92-0	.00
NONYLPHENOXYPOLYETHYLENEOXYETHANOL	NO LIMIT ESTABLISHED	9016-45-9	.00
POLYOXYETHYLENE DECYL PHOSPHATE	NO LIMIT ESTABLISHED	68458-48-0	.00

**03. SECTION III - PHYSICAL /CHEMICAL CHARACTERISTICS**

BOILING POINT: 212 Degrees F.	SPECIFIC GRAVITY: 1.0 approx.
VAPOR PRESSURE: N/A	MELTING POINT: N/A
VAPOR DENSITY: N/A	EVAPORATION RATE: Slower than ether
SOLUBILITY IN WATER: Water soluble	
APPEARANCE & ODOR: Blue transparent liquid, slight solvent odor, pH AS IS: 13.2	

**04. SECTION IV - FIRE & EXPLOSION DATA**

FLASH POINT (METHOD USED): None LEL: N/A UEL: N/A  
 EXTINGUISHING MEDIA: This product is NON-FLAMMABLE  
 SPECIAL FIRE FIGHTING PROCEDURES: None known.  
 UNUSUAL FIRE & EXPLOSION HAZARDS: None known.

**05. SECTION V - REACTIVITY DATA**

STABILITY: Stable under normal conditions.  
 INCOMPATIBILITY (MATERIALS TO AVOID): Do not mix with acids or other detergents.  
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None known.  
 HAZARDOUS POLYMERIZATION: Will not occur-not known to polymerize.

**06. SECTION VI - HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY: INHALATION? Yes SKIN? Yes INGESTION? Yes  
 HEALTH HAZARDS (ACUTE & CHRONIC): May cause irritation or burns to exposed areas. Chronic overexposure may cause injury to blood, liver & kidneys.  
 CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No  
 SIGNS & SYMPTOMS OF EXPOSURE: Irritation or burning of exposed areas.  
 MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.  
 EMERGENCY & FIRST AID PROCEDURES:  
 SKIN: Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.  
 EYES: Flush immediately from eyes for 15 minutes with fresh water. Contact physician immediately.  
 INGESTION: If swallowed do NOT induce vomiting. Give large quantities of water or milk. Never give anything by mouth to an unconscious person. Get immediate medical attention.  
 INHALATION: Move person to fresh air. Call physician immediately.

**07. SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: For large spills, dike to prevent spilled materials from entering streams or sewer systems. Small spills may be picked up and reused or recycled. Observe all local, state and federal regulations.  
 WASTE DISPOSAL METHOD: As recommended by local, state and federal authorities.  
 PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Store in a cool, dry place. Do not allow to dry on glass or painted surfaces.  
 OTHER PRECAUTIONS: DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN

**08. SECTION VIII - CONTROL MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE): If misting occurs, approved respirator for organic vapors.  
 VENTILATION: Exhaust if necessary to keep below exposure limits.  
 PROTECTIVE GLOVES: Rubber gloves  
 EYE PROTECTION: Chemical splash goggles  
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not usually necessary  
 WORK/HYGIENIC PRACTICES: Avoid unnecessary exposure to chemicals