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# Product Information

## BUTYL CLEANER

### Description:

A specially compounded liquid chemical concentrate which combines the emulsifying and wetting powers of a detergent with the strong dissolving powers of a safe, non-flammable cleaning solvent. Water soluble. Free rinsing.

Quickly and efficiently cleans, de-greases, de-waxes, de-inks. Also removes soot, resins, gums, polymers, oils, dyes, and hard soap scum.

### Directions for Use:

Most effective on heavy build-ups when sprayed undiluted followed by a high pressure water rinse. For removal of light to medium deposits follow the dilution recommendations given in the table below.

Dilution NO.	Parts of Cleanser	Parts of Water
(1)	1	50
(2)	1	30
(3)	1	12
(4)	1	7
(5)	1	6
(6)	1	5
(7)	1	2

**FOR WAX STRIPPING AND REMOVAL OF RUBBER HEEL MARKS:** Use Dilution (3) or (4) on Asphalt Tile, Rubber, Vinyl, Terrazzo, and all other types of floors with floor machine.

**FOR CLEANING FLOORS:** Apply Dilution (2) on Concrete, Ceramic Tile, Terrazzo, Magnesite, Oxychloride, Vinyl, Rubber and other resilient or non-resilient floors.

**FOR SCHOOLS:** Use Dilution (5) or (6) for Gymnasiums; Dilution (2) for Lockers and Steel files; Dilution (7) for showers and swimming pools.

**FOR MACHINES AND EQUIPMENT:** Use Dilution (7) on Conveyors, Engines, Exhaust Fans, Machinery, Metal Stock, and Welding Equipment.

**FOR PAINTED WALLS, GLASS OR CERAMIC SURFACES:** Use Dilution (1) with 50 parts water AND RINSE IMMEDIATELY. As some paints may be affected by the cleaner, it is wise to test a small area first before proceeding with the job at hand.

**FOR KITCHEN CLEANING:** Use Dilution (7) on Ovens, Deep Fat Fryers, Flues, Canopies, and Ducts; Dilution (6) on Greasy Floors and Wooden Mats; Dilution (1) on Refrigerators, Walls, and Lighting Fixtures.

**FOR PRINTERS:** Dilution (6) will remove the most tenacious inks from Presses, Walls, Tables, Benches, and Floors.

### Specifications:

Form	A clear, blue-green liquid
Odor	Pleasantly scented
pH (Concentrate)	13.2 - 13.5
Specific Gravity	1.044 ± .004 (8.67 lbs./gal.)
Total Active Agents	11.2% Min.
Solvents	Butoxyethanol
Flash Point (C.O.C.)	None
Authorized for use under USDA Poultry, Meat, Rabbit, and Egg Product Inspection Programs	

### CAUTION:

Contains alkaline silicates. May be harmful if swallowed. Can cause eye or skin irritation. Rubber gloves should be worn when using this product.

### Packaging:

55 gallon drums  
30 gallon drums  
5 gallon poly pails  
1 gallon poly jugs 6/case

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>Harley Chemicals Div., Concord Chemical Co., Inc.</b>		EMERGENCY TELEPHONE NO. <b>609-966-1526</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>17th &amp; Federal Streets, Camden, New Jersey 08105</b>		
CHEMICAL NAME AND SYNONYMS <b>N/A</b>		TRADE NAME AND SYNONYMS <b>Spray-Clean</b>
CHEMICAL FAMILY <b>N/A</b>	FORMULA <b>N/A</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Sodium Hydroxide				2	
2-Butoxyethanol				3	50 ppm (skin)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.04
VAPOR PRESSURE (mm Hg.)	like water	PERCENT VOLATILE BY VOLUME (%)	88
VAPOR DENSITY (AIR=1)	like water	EVAPORATION RATE (water = 1)	1
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR	Clear blue-green liquid, sassafras odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) <b>None at boiling point</b>	FLAMMABLE LIMITS <b>N/A</b>		
EXTINGUISHING MEDIA <b>N/A</b>		Lel	Uel
SPECIAL FIRE FIGHTING PROCEDURES <b>N/A</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>None</b>			

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Unknown
EFFECTS OF OVEREXPOSURE	Irritant to eyes & skin
EMERGENCY AND FIRST AID PROCEDURES	
EXTERNAL: Flood with water & wash with vinegar.	
INTERNAL: Give juice of lemon, grapefruit or orange freely, followed with olive oil.	
EYES: Wash with 5% Boric Acid Solution. If irritation or pain persists, call physician.	

### SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Flush to sewer or absorb on solid absorbent or rags
WASTE DISPOSAL METHOD
Discard absorbed material with general trash

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
None required		
VENTILATION	LOCAL EXHAUST	SPECIAL
	None required	
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	EYE PROTECTION	
Rubber or plastic coated	Goggles if splashing expected	
OTHER PROTECTIVE EQUIPMENT	None required	

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
None required
OTHER PRECAUTIONS