

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name

Green Window Glass Cleaner (3280)

Manufacturer's Name

Berkley Packaging Company, inc.

Street Address

Barton Mill Road

City

Uniontown

State

PA

Zip Code

15401-4797

EMERGENCY TELEPHONE No.

877-523-0828

Chemical Name

NAP

Chemical Family

NAP

Chemical Formula

NAP

Molecular Weight

NAP

Trade Name and Synonym

NAP

Material Use

Household Cleaning

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

WHMIS Class D2B

Ingredient Name	Concentration (%)	CAS Number	Exposure Limits	Toxicity Data LD50 (oral, rat)
Water	95.891	7732-18-5	NAV	NAV
Ethanol	3.900	64-17-5	1000 ppm (OES)/NAP	7,060 mg/kg
Alkyl glucosides	0.200	68515-73-1	NAV	L/IEC ₅₀ 1 -10 mg/L (LD ₅₀ NAV)
Citric acid	0.009	77-92-9	NAV	6,730 mg/kg

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State [] Solid [x] Liquid	Color and Appearance Clear Liquid		Odor Threshold Limit: NAP	Specific Gravity 1.001
Vapor Pressure As water	Vapor Density As water	Evaporation Rate As water	Boiling Point As water	Freezing Point As water
Solubility in Water Miscible	% Volatiles >99 (H ₂ O & EtOH)	pH 2.6 - 2.9	Density g/mL = 0.9949 at 19.5°C	Coef. Of Oil/Water Distribution: NAV

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammable? If yes, under what conditions? [] Yes [x] No

Means of Extinction: NAP

Special Procedures: NAP

Flashpoint (°C) and Method: NAP	Upper Explosion Limit (% by volume): NAP	Lower Explosion Limit (% by volume): NAP
Auto Ignition Temperature (°C): NAV	TDG Flammability Classification: NAP	Hazardous Combustion Products: NAP

SECTION V - REACTIVITY DATA

Chemically Stable? If no, under what conditions?

[x] Yes [] No

Incompatible with other substances? If yes, which substances?

[] Yes [x] No

Reactivity, and under what conditions?

NAP

Hazardous Decomposition Products:

NAP

Material Name Green Window Glass Cleaner			
SECTION VI – TOXICOLOGICAL PROPERTIES OF PRODUCTS			
Route of Entry [x] Skin Contact [x] Skin Absorption [x] Eye Contact [] Inhalation, Acute [] Inhalation, Chronic [x] Ingestion			
Effect of Acute Exposure to Product Irritation to eyes may occur			
Effect of Chronic Exposure to Product Prolonged and Repeated Exposure may cause eye irritation			
LD₅₀ of Product NAV			
LC₅₀ of Product NAV			
Chronic Toxicities [] Carcinogenic [] Reproductive Toxin [] Teratogenic [] Mutagenic			
SECTION VII – PREVENTIVE MEASURES			
Personal Protective Equipment	Respiratory NAP	EYE Safety Glasses	Footwear NAP
Gloves NAP	Other NAP		
Clothing NAP			
Engineering Controls NAP			
Leak and Spill Procedures Small quantities can be flushed to sanitary sewers if permitted by local authorities			
Waste Disposal Landfill or flush small quantities to sanitary sewers, if permitted by local authorities			
Handling Procedures and Equipment Avoid contact with eyes. Avoid ingestion			
Storage Requirements Store in a cool, dry place. Avoid excess heat.			
Special Shipping Information NAP			
SECTION VIII – FIRST AID MEASURES			
Skin Avoid Contact with skin			
Eyes Wash eyes with water for 15 minutes immediately after contact. Call a physician			
Inhalation NAP			
Ingestion Call a physician immediately			
General Advice NAP			
SECTION IX – PREPARATION OF INFORMATION			
Additional Information			
The information in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any process.			
Sources Used MSDS: General Chemical References			
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