

Section 1 - Identification

Product Name: **Kleer[®] NB Concentrate** A liquid glass cleaner. Revised: 5/15/15

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Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 3; Eye Corrosion/Irritation 2A; Flammable liquid
 Hazard statements: Causes mild skin irritation.
 Causes serious eye irritation.
 Flammable liquid and vapor.

Signal word: Warning
 Pictogram: Flame; Exclamation



Precautionary statements
Prevention

Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
 Keep container tightly closed. Ground/Bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting equipment.
 Use only non-sparking tools. Take precautionary measures against static discharge.
 Wear protective gloves such as latex and eye protection such as safety glasses with side shields.
 Wash hands thoroughly after handling.

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin irritation occurs: Get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical attention.
In case of fire: Use B or C fire extinguisher

Storage: Store in well-ventilated place. Keep cool.

Disposal: Dispose of contents in accordance with local, regional, national, and international regulations.

Section 3 - Composition / Information on Ingredients

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	59%
Isopropyl alcohol	67-63-0	28%
1-Butoxy-2-propanol	5131-66-8	10%
Alkylpolyglcoside C8-C10	68515-73-1	1%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.
Skin Contact: Wash exposed area with soap and water. If irritation develops and persists, get medical attention.
Inhalation: If affected, move the person to fresh air. If irritation persists, get medical attention.
Ingestion: If the person is conscious, give two glasses of water to drink. Induce vomiting immediately by sticking finger down throat to trigger gag reflex. Treat for shock by keeping warm and quiet. Get medical attention immediately. Swallowing the concentrate is more serious than swallowing diluted product.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Any **Special Fire Fighting Procedures:** None.
Unusual Fire And Explosion Hazards: None.
Flash Point: 110° F. ASTM D-56 closed cup. There is no open cup flash point. The product is not flammable and will not burn. However, isopropanol vapors may concentrate in the closed air space above the product in drums. These vapors are flammable by sparks or flame at or above the flash point temperature. This does not apply to containers of 5 gallons or less.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Clean up small spills of a gallon or so with rags or mop or washed to a sanitary sewer with lots of water. Larger spills should be kept out of sewers. Use absorbent.

Section 7 - Handling and Storage

Store at temperatures between 40° and 100° F.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Isopropyl alcohol	67-63-0	28%	400 ppm(1,2,4), 200 ppm(3)	500 ppm(2,4), 400 ppm(3)	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: Normal room ventilation.

Respiratory Protection: None when used as directed.

Gloves: Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves.

Eye Protection: If eye contact with the concentrate is possible, wearing safety glasses with side shields, especially for contact lens wearers, is a good idea, but not required.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Appearance and Odor: Light blue liquid with a floral and slight isopropyl alcohol odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 11.0 ± 0.5	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 0.95
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 180° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: 110° F. ASTM D-56 Closed Cup.	Decomposition Temperature: Not Available
Evaporation Rate: ~1 (Water = 1)	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 98%
Upper Explosive Limit: None	V.O.C.: 27% - 259 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes – concentrate causes irritation, redness, tearing. Dilutions may cause irritation, redness, tearing.

Skin - may cause irritation on persons with sensitive skin.

Swallowing – Concentrate causes irritation of mouth and throat. Dilutions may cause irritation.

Breathing – possibly irritating if mist is inhaled excessively.

Section 12 - Ecological Information

Not hazardous, but do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Used absorbent should be disposed of according to all applicable regulations.

Section 14 - Transport Information

D.O.T. Hazard Class: None

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:1 F:0 I:0 **HMIS® III:** H:1 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 4/30/08. GHS conversion.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm In advance that the information is current, applicable, and suitable to their circumstances.