

# Material Safety Data Sheet

May be used to comply with OSHA's  
Hazardous Communication Standard, 29 CFR 1910.1200

Product name or number as it appears on label

## Glass Cleaner Non-Ammoniated R.T.U. P103

### NPCA Hazardous Materials Identification System

Specific Hazard	Personal Protection
4-Severe	X-Ask a supervisor
3-Serious	A-Safety
Glasses	
2-Moderate	B-Goggles, Gloves
1-Slight	C-Goggles, Gloves, Apron
0-Minimal	D-Goggles, Faceshield
Gloves, Apron, &	
<u>Health (1)</u>	<u>Reactivity (0)</u>

### SECTION I

MNFR'S NAME AND ADDRESS: **CLEANPAK PRODUCTS**  
**5408 N. 59<sup>TH</sup> ST. TAMPA FL 33610**

For additional information **813- 740-8611** **DATE PREPARED:**  
EMERGENCY TELEPHONE NUMBER **800-424-9300** **10-15-10**

### SECTION II-HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA	PEL	ACGIH	Other Limits Recommended	%Optional
<b>Specific Components</b>					
<b>Specific Chemical Identity</b>					
<b>Common Name(s)</b>					
Isopropyl Alcohol CAS#67-63-0	400ppm		400ppm	*	1-3%
2-Butoxyethanol CAS#111-76-2	50 ppm		50 ppm Skin	**	0-2%

\* ACGIH-Short term exposure limit for Isopropyl Alcohol is 500ppm.  
NIOSH-Recommend a limit of 400ppm, 8-hour TWA 800ppm-Ceiling

\*\* This mixture contains 1.2% of 2-Butoxyethanol which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent the absorption so that the TLV is not invalidated.

\*\*\* ACGIH- Short term exposure limits (STEL) for Ammonia is 35ppm.  
NIOSH recommends a 55ppm 5-minute ceiling.

### SECTION III-PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT (F)	212 <sup>0</sup> F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.9843
VAPOR PRESSURE (mmHg)	N/A	% VOLATILE BY VOLUME	N/A
VAPOR DENSITY (air=1)	N/A	EVAPORATION POINT	Greater than 1
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR:	Clear blue, thin liquid with a solvent odor.		

### SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) **65°F Closed Cup** **FLAMMABLE LIMITS**  
**N/A**

**EXTINGUISHING MEDIA:** Alcohol Foam, CO<sub>2</sub>, or Dry Chemical

**SPECIAL FIREFIGHTING PROCEDURES:** Self-contained breathing apparatus with a full facepiece operate in a pressure demand or other positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** Never use welding cutting torch on or near drum (even empty drum) because product (even just residue) can ignite. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

**SECTION V -REACTIVITY DATA** Glass Cleaner Non-Ammoniated RTU (P103)

**STABILITY:** UNSTABLE ( )      **CONDITION TO AVOID:**  
STABLE ( X )                      Heat, Spark and Flame

**INCOMPATIBILITY** (Materials to Avoid)

Avoid contact with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY PRODUCTS**

Burning can produce carbon dioxide, carbon monoxide.

**HAZARDOUS**                      May Occur ( )                      **CONDITIONS TO AVOID:**  
Polymerization                      May Not Occur ( X )                      None

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**SECTION VI-HEALTH HAZARD DATA**

**ROUTE(S) OF ENTRY:**

INHALATION: Yes

SKIN: Yes

INGESTION: No

**Health Hazards (Acute and Chronic)**

Pre-existing blood, liver and/or kidney disorders may be aggravated by overexposure to this product.

**CARCINOGENICITY:**      NTP                      IARC Monographs?                      OSHA Regulated?  
No                              No                              No

**SIGNS AND SYMPTOMS OF EXPOSURE:**

**Skin:** Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

**Eyes:** Can cause severe irritation, redness, tearing, blurred vision.

**Breathing:** Excessive inhalation of vapors can cause nasal and respiratory irritations. Dizziness, weakness, fatigue, nausea, headache, possible unconsciousness.

**Swallowing:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**MEDICAL CONDITONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-existing blood, liver and/or kidney disorders may be aggravated by overexposure to this product.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYE:** Flush with large amounts of water lifting upper and lower lids occasionally. Get medical attention.

**INGESTION:** If swallowed, immediately drink two glasses of water and induce vomiting by either giving ipecac syrup or by placing finger at back of throat. Never give anything by mouth to an unconscious person. Get medical help immediately.

**SKIN:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

**INHALATION:** If breathed, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person quiet and get medical help.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Take up with absorbent material and remove mechanically.

**WASTE DISPOSAL METHOD:**

DISPOSE OF WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ORDINANCES.

Containers of this material may be hazardous when emptied since emptied containers retain product residues. (vapor, liquid, and/or solid).

**PRECAUTION TO BE TAKEN IN HANDLING AND STORING:** Keep containers tightly closed. Keep containers cool, dry, and away from sources of ignition. Use and store with adequate ventilation.

**OTHER PRECAUTIONS:** All precautions in this MSDS must be observed. Overexposure to material has apparently been found to cause the following effects in laboratory animals: liver abnormalities, kidney damage, brain damage. Overexposure to material has been suggested as a cause of the following effects in humans: Kidney Damage.

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**SECTION VIII- CONTROL METHODS**

**RESPIRATORY PROTECTION:** If in workplace exposure limits is exceeded, a NIOSH/MSHA-approved air supplied respirator. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. (See safety equipment supplier) engineering or administrative controls should be implemented to reduce exposure.

**VENTILATION:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV's

**PROTECTIVE GLOVES:** Resistant gloves, such as natural rubber, neoprene.

**EYE PROTECTION:** Chemical splash goggles in compliance with OSHA regulation are advised, however, OSHA regulation also permit other type safety glasses.

**OTHER PROTECTIVE EQUIPMENT:** To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**WORK/HYGENIC PRACTICES:** Wash thoroughly after handling.

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**We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions are beyond our control, user assumes all responsibility and risk.**