

MATERIAL SAFETY DATA SHEET

1. MANUFACTURER INFORMATION:

PRODUCT NAME:	GLASS CLEANER	
COMMON NAME OR SYNONYMS:	Ready to use towelette	
MANUFACTURER:	National Towelette	
	1400 TAYLORS LANE CINNAMINSON, NJ 08077	
TELEPHONE NUMBER:	856-786-7300	FAX 856-786-7304
Emergency Number 856-786-7300		
DATE PREPARED: 8/4/95	DATE REVISED:	1/8/2004

HMIS-Hazard Rating	
Health	1
Flammability	1
Reactivity	0
Special	None
HMIS- Scale*	
4 = EXTREME	
3 = HIGH	
2 = MODERATE	
1 = SLIGHT	
0 = INSIGNIFICANT	
C = CORROSIVE	

2. HAZARDOUS INGREDIENTS:

Ingredient:	CAS No.:	OSHA PEL:	ACGIH TLV:	Proportion:	SARA 313:
Isopropanol	67-63-0	400ppm	400ppm	<5%	Not Listed
Ethylene Glycol Monobutyl Ether	111-76-2	120mg/m3	121mg/m3	<5%	Not Listed
Ammonia	1336-21-6	25ppm	25ppm	<0.5%	Listed

3. PHYSICAL CHEMICAL CHARACTERISTICS:

BOILING POINT (°C):	No available
SOLUBILITY IN WATER:	Soluble
APPEARANCE AND ODOR:	Clear liquid, with light ammonia odor
SPECIFIC GRAVITY:	0.998
PH:	10.00
PERCENT VOLATILE BY VOL (%):	Not available
OTHER:	None.

4. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT:	Not applicable
FLAMMABILITY LIMITS:	Not Flammable
STABILITY:	Stable
FIRE/EXPLOSION HAZARDS:	No known fire/explosion hazards.
EXTINGUISHING MEDIA:	Not flammable
FLASH POINT METHOD USED:	Not available
LEL AND UEL (Lower and Upper Explosive Limits):	Not available
SPECIAL FIREFIGHTING PROCEDURES:	Not applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Not known
OTHER:	

5. REACTIVITY DATA:

STABILITY:	Stable at ambient temperatures and atmospheric pressure.
CONDITIONS TO AVOID:	High temperature
INCOMPATIBILITY:	Acids, acrolein, dimethylsulfate, halogens, silver nitrate, Propylene oxide, nitromethane, silver oxides, oleum
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	Exposure to extremely high temperature yields toxic fume of ammonia, nitric oxides, and oxides of carbon.
HAZARDOUS POLYMERIZATION:	Does not polymerize.

6. HEALTH HAZARD DATA:

PRIMARY ROUTES OF ENTRY:	Inhalation, ingestion and skin contact.
SKIN:	May cause minor skin irritation and burning.
INGESTION:	If swallow, may cause nausea, diarrhea, and irritation.
EYES:	May cause irritation and burning.
INHALATION:	May cause minor irritation and burning to the upper respiratory track.
SIGNS & SYMPTOMS OF EXPOSURE:	Skin reactions, coughing or irritation in eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	People with pre-existing eye disorders or respiratory problems.
EMERGENCY AND FIRST AID PROCEDURE:	Eye contact: flush immediately with water for at least at least 15 minutes; Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Skin contact: wash with water; Ingestion: give two glasses of water. DO NOT INDUCE VOMITING. Seek medical attention if necessary.
CHRONIC HEALTH EFFECTS:	Not known

7. PRECAUTIONS FOR SAFE HANDLING AND USE:

GENERAL:	Wear protective gloves when handling this product.
VENTILATION:	Use ventilation to remove odors or fumes.
RELEASED OR SPILLED HANDLING:	Contain spill and place in DOT approved waste container.
WASTE DISPOSAL METHOD:	Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state, and local regulatory agencies for proper disposal procedures.
HANDLING AND STORAGE:	Avoid flame and heat.
OTHER PRECAUTIONS:	None.

8. CONTROL MEASURES:

GENERAL:	Wear gloves. May use safety goggle if needed.
RESPIRATORY PROTECTION:	Usually no need, however use respirator when it is necessary.
VENTILATION:	General room ventilation is expected to be satisfactory.
PROTECTIVE GLOVES:	Use Impervious gloves when continuous contact is expected.
EYE PROTECTION:	Wear goggles if eye contact is possible.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Use long sleeve work shirt to reduce exposed skin area. Eye wash and safety shower should be accessible.
WORK/HYGIENIC PRACTICES:	Use common sense as with all chemicals when handling.

9. REGULATORY INFORMATION:

CERCLA (Comprehensive Response, Compensation, and Liability Act)	If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the CERCLA. We recommend you contact your local authorities to determine if there may be other local requirements.
TSCA (Toxic Substances Control Act):	Components of this product are listed on the TSCA Inventory.
CALIFORNIA Proposition 65:	Isopropanol (CAS No. 67-63-0)
NJ, PA RIGHT TO KNOW ACT:	This product is subject to the New Jersey and Pennsylvania labeling requirements on both package and bulk storage tanks. The following ingredients are subject to the label identification: NJ TSRN* BLN Glass Cleaner

*Trade Secret Registration Number