


SECTION 1: Identification

Product Name	Vision Glass Cleaner	Item Code	VISIONQT/1/5/55
Recommended Use	A ready to use glass cleaner.		
Supplier	Next-Gen Supply Group 11 Norfolk Street Mansfield, MA 02048 877-452-6726	Emergency Telephone	
		INFOTRAC: 1-800-535-5053	

SECTION 2: Hazard(s) identification

WARNING		Hazards not otherwise classified or not covered by GHS
		None
Hazard Statements	Hazard Class (GHS Chapter)	Category
Harmful if swallowed	Acute toxicity (Chapter 3.1)	4
Causes skin irritation	Skin corrosion/irritation (Chapter 3.3)	2 Skin/2B eye
Causes serious eye irritation	Serious eye damage/eye irritation (Chapter 3.3)	2 skin/2A eyes
May cause drowsiness or dizziness	Specific target organ toxicity following single exposure (Chapter 3.8)	3
Toxic to aquatic life	Hazardous to the aquatic environment, short-term (acute) (Chapter 4.1)	2

Precautionary Statements

Avoid breathing mist, vapors, or spray.
Wash hands and face thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only in well-ventilated areas.
Avoid release to the environment.
Wear eye and face protection and nitrile gloves.
If in eyes, rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.
If eye irritation persists, get medical attention.
If swallowed, call a medical professional if you do not feel well.
If inhaled, remove person to fresh air and keep comfortable for breathing
Call a medical professional if you feel unwell.
Store in a well-ventilated place. Keep container tightly closed.
Store in a secure area.
Dispose of contents and container in accordance with local, state, and federal regulations.

SECTION 3: Composition/Information on Ingredients

Chemical identity	Common name, synonyms, etc.	CAS #	%
2- Propanol	Isopropanol, sec-Propyl alcohol, Isopropyl alcohol	7722-84-1	6-7
Ammonia aqueous	Ammonia water, ammonium hydroxide solution	1336-21-6	<1

SECTION 4: First Aid Measures

If medical advice is needed, have product container or label at hand.

Necessary measures for routes of exposure	IF SWALLOWED: Harmful if swallowed. Rinse mouth. DO NOT induce vomiting. Call Poison Center, 911 or emergency medical service.
	IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water or shower. If skin irritation occurs, get medical attention.
	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if you do not feel well.
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation occurs, get medical attention.
Most important symptoms/effects, acute and delayed.	Acute exposure may cause drowsiness, nausea, breathing difficulty, skin irritation or serious eye irritation.
Immediate medical attention and special treatment, if necessary	Move victim to fresh air. Immediately call Poison center, 911 or a medical professional.

SECTION 5: Fire-fighting Measures

Suitable extinguishing media.	Dry chemical, CO ₂ , alcohol resistant foam or water spray
Specific hazards arising from the chemical	None
Special protective equipment and precautions for fire-fighters.	Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection. Move containers from fire area, if can be done without risk.
Emergency Response Guide Number	Not available.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.	Keep away from clothing and other combustible materials. Chemically protective gloves, clothing and safety eyewear are recommended.
Environmental precautions.	Prevent entry into waterways, sewers, basements, or confined areas. Collect spillage.
Methods and materials for containment and cleaning up.	Stop leak if you can without risk. Prevent entry into waterways, sewers, basements, or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

SECTION 7: Handling and Storage

Precautions for safe handling.	Do not eat, drink, or smoke in areas where this material is used. After handling, wash hands thoroughly with soap and water. Wear protective gloves, clothing, eyewear/face protection. Use only with adequate ventilation.
Conditions for safe storage, including any incompatibilities.	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled. Store in original containers.

SECTION 8: Exposure Controls/Personal Protection

Component	CAS #	Type	Value	Basis
2-Propanol	67-63-0	TWA	200 ppm	USA ACGIH Threshold Limit Values (TLV)
Remarks: eye & upper respiratory tract irritation, central nervous system impairment				
		TWA	400 ppm	USA, OSHA-TABLE Z-1 Limits for Air Contaminants – 1910.1000
		STEL	500 ppm	USA, OSHA-TABLE Z-1 Limits for Air Contaminants – 1910.1000
		TWA	400ppm 1.4 mg/m ³	USA, NIOSH recommended exposure limits
		ST	500ppm	USA NIOSH Recommended Exposure Limits
Ammonium Hydroxide	1336-21-6	TWA	25ppm	USA ACGIH Threshold Limit Values (TLV)
Remarks: upper respiratory tract irritation, eye damage				
		STEL	35ppm	USA, ACGIH Threshold Limit Values (TLV)
		TWA	25ppm	USA, NIOSGH Recommended Exposure Limits
Remarks: Eye, skin and upper respiratory tract irritation, central nervous system impairment, lung damage, sensitizer varies, not classifiable as a human carcinogen				
Control parameters	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Collect spillage.			
Appropriate engineering controls	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.			
Individual protection measures	Avoid skin contact with this product. Use nitrile gloves which have been inspected prior to use. Avoid eye contact. Wear tightly fitted safety eyewear or face shield. Long term exposure could irritate skin and eyes.			

SECTION 9: Physical and Chemical Properties

Appearance	Violet transparent liquid	Specific Gravity	0.99-1.01
Odor	Ammonia odor	Boiling Point	Ca 212°F
Odor threshold	No data available	Solubility in Water	Complete
pH	9.5-10.5	Evaporation Rate	Faster than water
		Volatile Organic Compound	6-7%

SECTION 10: Stability and Reactivity

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Oxidizers, acids, halogens, light metals, copper, ferrous metals and aluminum.
Hazardous decomposition products	No data available

SECTION 11: Toxicological Information

IARC	2-Propanol CAS 67-63-0 3-Group 3, Not classifiable as to its carcinogenicity to humans
ACGIH	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by ACGIH
NTP	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by NTP
OSHA	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by OSHA

Additional Information	<p><u>2-Propanol CAS 67-63-0</u> Acute toxicity: LD50-rat- 5,045 mg/kg. Remarks: Behavioral: Altered sleep time (including change in righting reflex) Somnolence (general depressed activity). LC50 Inhalation-rat-8h-16000ppm. LD50 Dermal-rabbit-12,800mg/kg. Skin corrosion/irritation, Rabbit, mild skin irritation. Serious eye damage/eye irritation, rabbit, Result eye irritation – 24 hr. RTECS: NT8050000 Central nervous system depression, prolonged or repeated exposure can cause nausea, headache, vomiting, narcosis, drowsiness. Overexposure may cause mild, reversible liver effects. Aspiration may lead to lung edema, pneumonia. Kidney- Irregularities - based on human evidence.</p> <p><u>Ammonium Hydroxide CAS 1336-21-6</u> Acute Toxicity: LD50 Oral-Rat-350 mg/kg. Remarks: Gastrointestinal: Other changes. Liver: Other changes, Kidney, Ureter, Bladder: Other changes. Inhalation: No data available Skin corrosion/irritation, no data available. RTECS: Not available. Burning sensation, cough, wheezing, laryngitis, shortness of breath, spasm, inflammation, and edema of the larynx. Inflammation and edema of the bronchi, pneumonitis, pulmonary edema. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.</p>
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SECTION 12: Ecological Information

2-Propanol CAS 67-63-0 is toxic to aquatic life. No data is available on the mixture.

SECTION 13: Disposal Considerations

Dispose of contents and container in accordance with local, state, federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

SECTION 14: Transport Information

Not DOT classified

SECTION 15: Regulatory Information

No chemicals in this mixture are subject to the reporting requirements of SARA Title III, Section 302
2-Propanol CAS 67-63-0 is subject to the reporting requirements of SARA Title III, Section 313.
Ammonium Hydroxide CAS 1336-21-6 is subject to the reporting requirements of SARA Title III, Section 313.
2-Propanol CAS 67-63-0 is a SARA 311/312 Hazard: Fire Hazard, Acute Health Hazard, Chronic Health Hazard
Ammonium Hydroxide CAS 1336-21-6 is a SARA 311/312 Hazard: Acute Health Hazard,

2-Propanol CAS 67-63-0 is a NJ, PA, MA Right- to- Know chemical
Ammonium Hydroxide CAS 1336-21-6 is a NJ, PA, MA Right- to- Know chemical

California Prop. 65: This product does not contain any chemical known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other Information

Revision prepared 05/12/2016 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.
Previous version dated 12/12/2014.

DISCLAIMER: Whereas the use and handling of this product is not within the control of Next-Gen Supply Group, it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. Next-Gen Supply Group accepts no liability for damages or loss incurred from the misuse and mishandling of this product.