

# MATERIAL SAFETY DATA SHEET

## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME | Concentrated Glass Cleaner

PRODUCT CODE | 5750

ISSUE DATE | 12-01-2011

### EMERGENCY TELEPHONE NUMBERS

<b>DISTRIBUTOR</b>	<b>Quality Chemical Co.</b>	<b>Transportation: (800) 424-9300 *</b>
STREET ADDRESS	110 Hamilton Ave.	* For spill, leak, fire or transport accident emergencies.
CITY, STATE, ZIP	Merchantville, NJ 08109	<b>Product Information: (856) 662-1895</b>

## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	NIOSH REL
Isopropyl alcohol	67-63-0	5-10	400 ppm TWA 500 ppm STEL	400 ppm TWA 500 ppm STEL	400 ppm TWA 500 ppm STEL
Propylene glycol propyl ether	1569-01-3	14	N.E.	N.E.	N.E.

## SECTION 3 -- HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>	Can cause eye and skin irritation. Harmful if swallowed. Harmful if inhalation exposure limits are exceeded.
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POTENTIAL HEALTH EFFECTS	
<b>INGESTION</b> .....	Can cause irritation, nausea, stomach distress, vomiting and diarrhea.
<b>INHALATION</b> .....	May cause mild irritation of nose, throat and respiratory tract. High concentrations may result in headache, drowsiness, CNS depression.
<b>EYE CONTACT</b> .....	Causes eye irritation. Severe exposure may produce corneal injury; retinal injury is less likely.
<b>SKIN CONTACT</b> .....	Prolonged or repeated contact may cause skin irritation.

**SECTION 4 -- FIRST AID MEASURES**

INGESTION	If swallowed, DO NOT induce vomiting. Immediately drink a large quantity of water. Never give anything by mouth to an unconscious person. Get medical attention immediately. Keep head below hips to avoid aspiration of product in lungs.
INHALATION	Remove to fresh air and provide oxygen if breathing is difficult. Get medical attention.
EYE CONTACT	Immediately flush eye with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes. Get medical attention immediately.
SKIN CONTACT	Wash with soap and water. If irritation develops or persists, get medical attention.
NOTE TO PHYSICIAN	There is no specific ingestion antidote; gastric lavage may be indicated. Information relative to ingestion toxicity and treatment can be found in <u>Clinical Toxicology of Commercial Products</u> authored by Gosselin, Smith and Hodge and published by Williams & Wilkins, Baltimore, Md. <b>See listing for Isopropyl Alcohol in Therapeutics Index, Section III.</b>

**SECTION 5 -- FIRE FIGHTING MEASURES**

FLASH POINT / METHOD	107 deg F / Closed cup	FLAMMABLE LIMITS	Combustible liquid
EXTINGUISHING MEDIA	Use water fog, alcohol foam, dry chemical or carbon dioxide.		
SPECIAL FIRE FIGHTING PROCEDURES	Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including positive pressure self-contained breathing apparatus. Cool fire-exposed containers with water to prevent vapor pressure buildup.		
FIRE AND EXPLOSION HAZARDS	Vapors from this product may travel or be moved by air currents and ignited at locations distant from handling point.		

**SECTION 6 -- ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	Small spills: Flush to sanitary sewer. Mop up residue and rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up on inert absorbent. <b>Remove all ignition sources before beginning cleanup; use personal protective equipment.</b>
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**SECTION 7 -- HANDLING AND STORAGE**

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store upright in a cool dry place.

**SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION**

HYGIENIC PRACTICES	Normal procedures for good hygiene.
ENGINEERING CONTROLS	Good general ventilation should be sufficient to control airborne levels. Facilities using this product should be equipped with an eyewash station.

**PERSONAL PROTECTIVE EQUIPMENT**

X	<b>RESPIRATOR</b>	Recommended for prolonged use in confined areas with poor ventilation
X	<b>GOGGLES / FACE SHIELD</b>	Recommended; goggles should be chemical splash type
	<b>APRON</b>	Not necessary
X	<b>GLOVES</b>	Recommended; PVC, Neoprene or Nitrile acceptable
	<b>BOOTS</b>	Not necessary Rubber for cleaning spills.

**SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear blue liquid	BOILING POINT	160 deg F
ODOR	Alcohol	FREEZING POINT	Not established
pH	7 – 8 (100% concentrate)	VAPOR PRESSURE	Not applicable
SPECIFIC GRAVITY	0.990	VAPOR DENSITY	Not applicable
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	Not determined

**SECTION 10 -- STABILITY AND REACTIVITY**

CHEMICAL STABILITY		<b>STABLE</b>	X		<b>UNSTABLE</b>	
<b>CONDITIONS TO AVOID</b>	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Avoid contact with strong mineral acids and strong oxidizers, including chlorine bleach.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Carbon monoxide may be formed during combustion.					
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X		<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	Not applicable					

**SECTION 11 -- TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	<b>THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z</b>

**OTHER EFFECTS**

<b>ACUTE</b>	Not determined
<b>CHRONIC</b>	Not determined

**MSDS**

PRODUCT

Concentrated Glass Cleaner

CODE

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**SECTION 12 -- ECOLOGICAL INFORMATION**

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD / COD VALUE	Not established					
ECOTOXICITY	No data available					

**SECTION 13 -- DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD	Product that cannot be used according to the label must be disposed of as a hazardous waste at an approved hazardous waste management facility. Empty containers may be triple rinsed, then offered for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.								
RCRA CLASSIFICATION	Hazardous, ignitable D001								
RECYCLE CONTAINER		YES	X		CODE	2 - HDPE		NO	

**SECTION 14 -- TRANSPORT INFORMATION**

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION	Not applicable					

**SECTION 15 -- REGULATORY INFORMATION**

## REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	
	FDA REGULATED	
X	KOSHER	
	SARA TITLE III MATERIAL	
	USDA AUTHORIZED	

**SECTION 16 -- OTHER INFORMATION**

## NFPA CLASSIFICATION

2	BLUE	HEALTH HAZARD
2	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
--	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Quality Chemical Company, in connection with the use of this information.