

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: See-Thru Glass Cleaner
 PRODUCT USE: Glass Cleaner
 MANUFACTURED FOR: Warsaw Chemical Holdings LLC.
 P.O. Box 858
 Warsaw, IN 46581
 INFORMATION PHONE: Tel: 1-800-548-3396
 Fax: 1-574-267-3884
 EMERGENCY PHONE: INFOTRAC
 1-800-535-5053 USA & Canada
 352-323-3500 International

SECTION 2 - HAZARD(S) IDENTIFICATION

CLASSIFICATION: Eye Damage: Category 2A

PICTOGRAMS:



GHS ELEMENTS:

SIGNAL WORD: Warning

HAZARD STATEMENT(S): H319 | Causes serious eye irritation.

PRECAUTIONARY STATEMENT(S): P264 | Wash any exposed body parts thoroughly after handling.
 P280 | Wear protective gloves/protective clothing/eye protection/face protection.
 P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 | If eye irritation persists: Get medical advice/attention.

ADDITIONAL PRECAUTIONS: None Known

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	PERCENT
2-Butoxyethanol	111-76-2	1 - 5%
2-Propanol	67-63-0	1 - 5%
Acetone	67-64-1	< 1.0%
Surfactant	68439-57-6	< 1.0%
Nonylphenol ethoxylate	127087-87-0	< 1.0%
Acid Violet 54	Not Available	< 1.0%
Preservative	Not Available	< 1.0%



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The chemical identity of some or all components is confidential business information (trade secret) and is being withheld as permitted by 29CFR19191200 (i). No other ingredients known to be hazardous.

SECTION 4 - FIRST AID MEASURES

EYES:	Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
SKIN:	Wash skin surfaces thoroughly after contact. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if irritation develops.
INHALATION:	Move exposed person to fresh air. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen clothing. Get medical attention immediately.
INGESTION:	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
GENERAL:	Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been inhaled or ingested.

See Section 11 for exposure symptoms.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABILITY:	In a fire or if heated, a pressure increase will occur and the container may burst.
EXTINGUISHING MEDIA:	Use an extinguishing agent suitable for the surrounding fire.
PROTECTIVE EQUIPMENT:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.
ADDITIONAL INFORMATION:	Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/oxides, halogenated compounds.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	No action should be taken involving individual risk or without suitable training. Isolate area. Avoid contact with material. Do not breathe vapors. Provide adequate ventilation. Wear proper personal protective equipment.
ENVIRONMENTAL:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product reaches sewers, waterways or soil.
CONTAINMENT/CLEANUP:	Stop leak if without risk. Move containers from spill area. Contain or absorb with inert dry material. Dispose of according to local regulations. See Section 1 for



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COLOR:	Red	LOWER EXPLOSIVE LIMITS:	NA
ODOR:	Solvent	VAPOR PRESSURE:	NA
ODOR THRESHOLD:	NA	VAPOR DENSITY:	NA
PH:	10.1 - 11.4	RELATIVE DENSITY:	NA
MELTING POINT:	NA	SOLUBILITY:	Completely Water Soluble
FREEZING POINT:	28.00 F	PARTITION COEFFICIENT:	NA
BOILING POINT:	NA	AUTO-IGNITION TEMPERATURE:	NA
FLASH PT METHOD:	NA	DECOMPOSITION TEMPERATURE:	NA
FLASH POINT:	NA	SPECIFIC GRAVITY:	0.99500
EVAPORATION RATE:	NA	% VOLATILE:	10.00000
FLAMMABILITY:	Nonflammable	VISCOSITY (cst):	NA

SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY:	HAZARDOUS DECOMPOSITION PRODUCTS
CHEMICAL STABILITY:	Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Non-reactive.
CONDITIONS TO AVOID:	Excessive heat or open flame.
INCOMPATIBLE MATERIALS:	Avoid contact with acidic materials and strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Under normal conditions, none are known.

SECTION 11 - TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:	Inhalation	Absorption	Ingestion
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ACUTE EXPOSURE HAZARDS:

EYE CONTACT:	Irritation, stinging, redness, burns.
DERMAL:	Irritation, burns upon prolonged exposure.
ORAL:	Nausea, vomiting.
INHALATION:	No expected route of entry. Irritation.



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2-Butoxyethanol (CAS No. 111-76-2)
Oral LD50: Rat 470 mg/kg
2-Propanol (CAS No. 67-63-0)
Oral LD50: Rat 5045 mg/kg
Acetone (CAS No. 67-64-1)
Oral LD50: 5800 mg/kg rat
Dermal LD50: 7426 mg/kg
Inhalation LC50: 76 mg/L rat
Surfactant (CAS No. 68439-57-6)
Oral LD50: Rat 500-5000 mg/kg
Nonylphenol ethoxylate (CAS No. 127087-87-0)
Oral LD50: Rat 1600 mg/kg
Preservative (CAS No. Not Available)
Oral LD50: 66mg/kg rabbit
Dermal LD50: 141mg/kg rat

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.
PERSISTENCE & DEGRADABILITY: No data available.
BIOACCUMULATIVE POTENTIAL: No data available.
MOBILITY IN SOIL: No data available.
OTHER ADVERSE EFFECTS: No data available.

2-Butoxyethanol (CAS No. 111-76-2)
Fish LC50: 1250mg/L, 96h, Inland Solverside
Crustacean LC50: Daphnia 1818 mg/L 24h
2-Propanol (CAS No. 67-63-0)
Fish LC50: Minnow 9640 mg/L 96h
Acetone (CAS No. 67-64-1)
Fish LC50: 6100 mg/L rainbow trout
Surfactant (CAS No. 68439-57-6)
Fish LC50: 1-10 mg/kg
Preservative (CAS No. Not Available)
Fish LC50: 0.22mg/L 96h trout
Crustacean LC50: 6.76mg/L 48h daphnia

SECTION 13 - DISPOSAL CONSIDERATION

Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of the product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 - TRANSPORT INFORMATION

DOT (US)

UN NUMBER: NA
SHIPPING NAME: NA
TECHNICAL NAME: NA
HAZARD CLASS: NA
PACKAGING GROUP: NA

SECTION 15 - REGULATORY INFORMATION

SARA 313 COMPONENTS	CAS NO.	% LESS THAN
2-Butoxyethanol	111-76-2	1 - 5%
2-Propanol	67-63-0	1 - 5%
CALIFORNIA PROP. 65 COMPONENTS	CAS NO.	% LESS THAN
2-Butoxyethanol	111-76-2	1 - 5%
Nonylphenol ethoxylate	127087-87-0	< 1.0%

This product can expose you to Ethylene Glycol, which is known to the State of California to cause birth defects or other reproductive harm..

RTK: PA, NJ, MA

127087-87-0 Nonylphenol polyethylene glycol ether 90 - 100 %

25322-68-3 Polyethylene glycol 1 - 5 %

123-91-1 1,4-Dioxane 0 - 0.1 %

64-19-7 Acetic acid 0 - 0.1 %

75-21-8 Ethylene oxide 0 - 0.1 %

RTK: MA, PA, NJ,

WARNING! This product contains a chemical known to the State of California to cause cancer birth defects or other reproductive harm.

123-91-1 1,4-Dioxane 0 - 0.1 %

64-19-7 Acetic acid 0 - 0.1 %

75-21-8 Ethylene oxide 0 - 0.1 %

SECTION 16 - OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)

A Safety Glasses

B Safety Glasses, Gloves



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Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	A

- C Safety Glasses, Gloves, Apron
- D Face Shield, Gloves, Apron
- E Safety Glasses, Gloves, Dust Respirator
- F Safety Glasses, Gloves, Apron, Dust Respirator
- G Safety Glasses, Gloves, Vapor Respirator
- H Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
- I Safety Glasses, Gloves, Dust & Vapor Respirator
- J Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
- K Airline Hood or Mask, Gloves, Full Suit, Boots
- X Consult your supervisor for special handling directions

Caution: HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks and 4 representing significant hazards or risks.

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)



NFPA warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health, and reactivity hazards of chemicals.

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