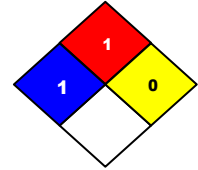


SAFETY DATA SHEET

For Chemical Emergency Spill, Leak, Fire Exposure or Accident
 Call INFOTRAC Day or Night
 North America: 800-535-5053

**Section 1– Product And Company Information**

Supplier's Name: Armchem International Corp
Supplier's Address: 3563 NW 53rd CT, Ft. Lauderdale, FL 33309, Phone 954-735-0029
Product Name: KRYSTAL GLASS CLEANER
Product Number: WG-900

DOT Proper Shipping/ Hazard Name (49 CFR 172.101): NR
DOT ID # (49 CFR 172.101): NR
DOT Hazard Class (49 CFR 172.101): NR

FLAMMABILITY (Red): NFPA: 1 HMIS: 1
HEALTH (Blue): NFPA: 1 HMIS: 1
REACTIVITY (Yellow): NFPA: 0 HMIS: 0
Personal Protection (HMIS)= D

Section 2 – Health Hazard Identification

This product is considered non hazardous according to OSHA's Hazard Communication and international GHS standards and this certification was prepared using Regulations 1907/2006 and 1272/2008.

Classification of the substance or mixture.

Skin Corr/Irritation. 3
 Eye irritation. 2B
 STOT. SE. Respiratory tract irritation. 3
 Acute toxicity, oral. 5

Label elements**GHS label elements**

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms**Signal word:** WARNING!**Hazard-determining components of labeling:**

2-Butoxyethanol; Nonyl Phenol Ethoxylate (Nonidet P40); Propanol.

Hazard statements

H303 May be harmful if swallowed
 H316 Causes mild skin irritation
 H320 Causes eye irritation
 H335 May cause respiratory irritation

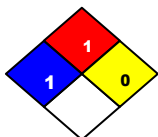
Precautionary statements

P264 Wash...thoroughly after handling
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
 P332+P313 If skin irritation occurs: Get medical advice/attention
 P330 Rinse mouth.
 P337+P313 If eye irritation persists get medical advice/attention.
 P403+P233 Store in a well ventilated place. Keep container tightly closed.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:**HMIS Ratings (scale 0—4)**

HEALTH	1
FIRE	1
REACTIVITY	0

Health: 1
 Fire: 1
 Reactivity: 0

NFPA Ratings (scale 0—4)

Health hazard: 1
 Fire: 1
 Reactivity Hazard: 0
 Special hazard.: -

Section 3– Components

Component	CAS#	%	ACGIH(TLV-TWA)	OSHA (TWA)
2-Butoxyethanol	111-76-2	—	25 ppm	NE
Nonyl Phenol Ethoxylate	9016-45-9	—	NE	NE
Propanol	71-23-8	—	NE	NE

Section 4 - First Aid Measures

If On Skin: Thoroughly wash exposed area with soap and water remove contaminated clothing. If necessary, neutralize with lemon juice. Launder before reuse. Get medical attention.

If In Eyes: Flush with water for 15 minutes, lifting upper and lower lids occasionally. Seek medical attention immediately.

If Breathed: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. Keep person warm and quiet. Get medical attention.

If Swallowed: Do not induce vomiting. Give lemon juice and water to drink. Keep person warm, quiet and seek immediate medical attention.

Section 5 – Fire Fighting Measures

Flash Point: None

Flammable Limits in Air: Upper: ND Lower: ND

Extinguishing Media: Regular foam, carbon dioxide, dry chemical, for surrounding fire.

Hazardous Decomposition Products: Carbon and Nitrogen Oxides.

Firefighting Procedures: Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.

Special Fire and Explosion Hazards: None

Section 6 - Accidental Release Measures

Personal Precautions:

For personal protection see section 8. Persons not wearing protective equipment should be excluded from the area of the spill until cleanup has been completed.

Environmental Precautions:

Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs notify authorities as required.

Methods for Cleaning Up Spills:

Small Spill: Absorb spilled product with absorbent material such as sand. If possible, vacuum spilled product into container. Dispose as directed by local regulatory norms.

Large Spill: Stop spill at source. Absorb spill with non combustible material or collect with vacuum pump. Keep away from heat and fire source. Provide adequate ventilation. Call authorities for assistance on disposal. Disposal should be made in accordance with federal, state, and local regulations.

Section 7 – Storage & Handling

KEEP OUT OF REACH OF CHILDREN, For industrial and institutional use only.

For industrial and institutional use only. Store in a cool, dry, ventilated area away from heat or open flame. Never store at temperatures in excess of 120 °F.

Always store in original container. Follow all label instructions and precautions

Section 8 - Exposure Control / Personal Protection

Respiratory Protection: If workplace exposure limits product or any component is exceeded a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure types) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical ventilation to maintain exposure below TLV.

Protective Gloves: Rubber, neoprene or other resistant elastomer.

Eye Protection: Chemical splash resistant goggles or face shield.

Other Protective Clothing & Equipment: Rubber aprons and boots when working with large quantities.



Section 9-Physical And Chemical Properties

Appearance: Transparent, dark blue liquid

Color: Dark blue.

Odor: No distinct odor.

Physical State: Solid

pH: 7.5 - 8.5

Melting Point: ND

Boiling Point: 212 °F

Flash Point: NA

Evaporation Rate (Water=1): ND

Flammable Limits: NAP

Vapor Pressure: ND

Specific Gravity (H₂O = 1): 1.0 gr/cc (at 20 °C)

Viscosity: ND

Vapor Density: (Air = 1): NA

Auto ignition Temperature: ND

Solubility in Water: Total

Partition coefficient (n-octanol/water): ND

% Volatile: 95%

Section 10 – Stability And Reactivity Information

Stability: Stable

Incompatibility (Materials to Avoid): Oxidizing Materials. Acids.

Hazardous Polymerization: Will not occur

Conditions To Avoid: High temperatures and open flames.

Section 11 - Toxicological Information

Oral Toxicity: Nonyl Phenol Ethoxylate (LD50) 4000 mg/kg [Rat] 2-Butoxyethanol (LD50) 470 mg/kg [Rat] Propanol (LD50) 1870 mg/kg [Rat]
Inhalation Toxicity: 2-Butoxyethanol (LC50) 450 ppm/4Hrs [Rat] Propanol (LC50) 4000 mg/L 4Hr [Rat]
Dermal Toxicity: 2-Butoxyethanol (LD50) 220 mg/kg [Rabbit] Propanol (LD50) 4060 mg/kg [Rabbit]
Irritancy of Product: This product is irritating to the skin, eyes, respiratory, and digestive tract.

Section 12 - Ecological Information

Toxicity: The LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.
Persistence and Degradability: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Bio-accumulative Potential: No data.
Other Adverse Effects: The products of degradation are less toxic than the product itself.

Section 13 - Disposal Considerations

Waste Disposal Method:
Disposal should be made in accordance with federal, state, and local regulations.

Section 14 - Transport Information

The listed transportation classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptions.

Road—DOT (ground)

Proper Shipping Name: NR
Hazard class: NR
UN Number: NR
Packaging Group: NR
Label/Placard: NR

Sea—IMDG (sea)

Proper Shipping Name: NR
Hazard class: NR
UN Number: NR
Packaging Group: NR
Label/Placard: NR

Air—IATA (air)

Proper Shipping Name: NR
Hazard class: NR
UN Number: NR
Packaging Group: NR
Label/Placard: NR

Section 15 - Regulatory Information

State and Federal Regulations: Connecticut carcinogen reporting list.: Nonidet P40

FLAMMABILITY (Red): NFPA: 1 HMIS: 1
HEALTH (Blue): NFPA: 1 HMIS: 1
REACTIVITY (Yellow): NFPA: 0 HMIS:0
Personal Protection (HMIS)= D

Section 16 – Special Precautions Or Other Comments

Wash hands with soap and water after use. Avoid contact with open wounds. Although information contained herein is believed to be correct as of the date of this document, We makes no representation as to the completeness or accuracy of such information. We shall in no event be responsible for any damages directly or indirectly from use of or reliance on this information. This information is provided solely to assist the customer with the Occupational Safety and Health Act of 1970 and The Right to Know regulations. Any other use is prohibited.

Legend:

NE: Not Evaluated
ND: Not Determined
NA: Not Available
NAP: Not Applicable
NR: Not Regulated