

# MATERIAL SAFETY DATA SHEET

Prepared pursuant to 29 CFR §1910.1200(g)

## SECTION 1: PRODUCT INFORMATION

Product Name PANORAMA GLASS CLEANER (Product No. 057)  
Distributor Crown Chemical, Inc. Address 4701 W. 136th Street Crestwood, IL 60445  
Emergency Telephone Number (708) 371-6990

## SECTION 2: HAZARDOUS INGREDIENTS

| Chemical Name (Common Name) | CAS No.    | %* | OSHA PEL | ACGIH TLV | SARA Title III Designation** |
|-----------------------------|------------|----|----------|-----------|------------------------------|
| Ethyl Alcohol               | 64-17-5    |    | 1000ppm  | Same      | No                           |
| Methyl Alcohol              | 67-56-1    |    | 200ppm   | Same      | Yes (5%)                     |
| Liquified Petroleum Gas     | 68476-85-7 |    | 1000ppm  | Same      | No                           |

\*Optional  
\*\*Subject to Reporting Requirements Under Section 313 of SARA Title III and 40 CFR Part 372. Upper Bound Percentage by Weight Provided.

Ingredients Listed as Carcinogens or Potential Carcinogens: None Listing Source: \_\_NTP\_\_IARC\_\_OSHA\_\_Animal Data

## SECTION 3: PHYSICAL CHARACTERISTICS

Boiling Point NA Specific Gravity (H2O=1) <1 Vapor Density (Air = 1) >1 Vapor Pressure 140 @ 130 F  
pH (concentrate) NE Solubility in Water 10% Evaporation Rate (Ether = 1) <1  
Appearance and Odor Colorless liquid with floral odor

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC) >100 F Flammable Limits LEL: 1.8; UEL: 9.2 Extinguishing Media Carbon dioxide, foam and/or dry chemical.  
Special Firefighting Procedures Cool container with water to prevent vapor buildup. Use equipment or shielding to protect personnel and prevent from bursting, rupturing or venting containers.  
Unusual Fire and Explosion Hazards Containers exposed to direct flame or heat should be cooled to prevent weakening of container.

## SECTION 5: REACTIVITY HAZARD DATA

Stability 100% Incompatibilities Heat, flame, oxidizers.  
Hazardous Polymerization Will not occur Hazardous Decomposition By-Products Carbon monoxide/dioxide in small amounts.

## SECTION 6: HEALTH HAZARDS AND FIRST AID

Primary Exposure Routes: \_\_X\_\_ Eye \_\_X\_\_ Skin \_\_X\_\_ Inhalation \_\_Ingestion  
Acute Effects Contact with product may cause irritation to eyes and skin. Inhalation of vapors may cause headache, dizziness or nausea. Harmful or fatal if swallowed.

Chronic Effects None known.

Medical Conditions Aggravated by Exposure Preexisting eye or skin disorders.

First Aid Procedures **EYES:** Flush immediately with copious amounts of water. Remove any contact lenses. Hold eyelid open and roll eyeball in all directions while flushing. Continue flushing for 15 minutes. Seek medical attention. **SKIN:** Flush irritated area with water. Seek medical attention if irritation persists. **INHALATION:** Remove person to fresh air and provide oxygen if breathing is difficult. Give artificial respiration of not breathing. Seek immediate medical attention. **INGESTION:** Rinse out mouth, then drink large quantities of water. Do not induce vomiting. Seek immediate medical attention.

## SECTION 7: CONTROL AND PROTECTIVE MEASURES

Respiratory Protection Vapor mask where needed to prevent inhalation of vapors. Protective Gloves Chemical resistant optional.  
Eye Protection Chemical splash goggles recommended. Do not wear contact lenses while handling this product.  
Other Protective Clothing and Equipment None required.  
Hygienic Work Practices Avoid splashing. Never mix this product with other chemicals. Used with adequate ventilation.  
Ventilation Local exhaust to keep exposure below any PEL and TLV limits listed above. Keep away from heat or open flame.

## SECTION 8: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Followed if Spilled or Released Neutralize with water. Mop up, sweep up, or otherwise absorb. Hold for disposal.  
Waste Disposal Methods Promptly dispose of empty containers by any method which complies with applicable laws.  
Storage Requirements Keep out of reach of children. Store between 50-120 F. Keep away from heat or open flame.  
Other Precautions or Special Hazards Do not puncture or incinerate container. Wash contaminated clothing and shoes before reuse.

The information and recommendations contained herein are believed to be reliable, but are given without warranty or guarantee of any kind, express or implied. The hazards provided in this Material Safety Data Sheet apply to this product in its concentrated form, and may differ significantly after dilution.

Date Prepared: January 1, 2011

NIPCA Hazardous Material  
Identification System

HEALTH.....2  
FLAMMABILITY.....2  
REACTIVITY.....0  
PROTECTIVE EQUIPMENT.....B (See Section 7)

0 = Least  
1 = Slight  
2 = Moderate  
3 = High  
4 = Severe  
NA = Not Applicable  
NE = Not Established