



#1 Network, Inc.

Material Safety Data Sheet

#050 - #1 Glass Cleaner

Product Hazard Ratings: Health = 1*, Fire = 2, Reactivity = 0, Protective Equipment = A
(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, *=Chronic Hazard)

SECTION I - General Information

Product Name: #1 Glass Cleaner
Catalog No. 050

Manufacturer:
Sprayway, Inc.
484 Vista Avenue
Addison, IL 60601-4468

Manufacturer's Phone Number:
(800) 332-9000

Emergency Phone Number
(800) 228-5635 x 009 (24 Hrs)

SECTION II - Products and Hazardous Ingredients Information:

<u>Chemical Names</u>	<u>CAS#</u>	<u>Sara Title III SEC 313</u>	<u>ACGIH TLV/TWA</u>	<u>OSHA PEL</u>	<u>% By Wt.</u>
Ethyl Alcohol	64-17-5	NO	1000 ppm	1000 ppm	1-5
2-Butoxyethanol	111-76-2	Yes	20 ppm*	25 ppm*	1-5
Liquified Petroleum Gas Mixture		NO	--	--	1-5
Propane	74-98-6	--	1000 ppm	NE	-
n-Butane	106-97-8	--	600 ppm	NE	-

Balance of ingredients are non-hazardous or below reportable levels.

*Skin

SECTION III - Physical Data

Boiling Point: N/A
Vapor Pressure (psig): 153@130F / 68@70F
Vapor Density (Air = 1): >ND
Solubility in Water: Completely

Specific Gravity (H₂O = 1): 0.9577
Evaporation Rate(Ether = 1): ND
Appearance and Odor: Aerosol spray w/ fragrant odor.
pH: 10

SECTION IV - Fire and Explosion Hazard Data

Aerosol Flammability: Product is not required to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45
Flashpoint: <0F (Propellant); >100F (Concentrate)

Flammable Limits: % Volume In Air (Propellant): **LEL:** 1.9 **UEL:** 9.5

Extinguishing Media: Carbon dioxide, water spray, foam, or dry chemical.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosions Hazards: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

SECTION V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid):
Hazardous Decomposition Products:
Conditions to Avoid:

Hazardous Polymerization: N/A
Oxidizing agents, reducing agents, acids, bases.
Carbon dioxide, carbon monoxide, hydrocarbon vapors.
Keep away from heat, sparks, and flames.
Dropping of containers may cause bursting.



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SECTION VI - Health Hazard Data

Routes of Entry: Inhalation: X Eyes: X Skin: X Ingestion:

Hazards Identification: EYES: May cause mild irritation. SKIN: Prolonged or repeated contact may cause irritation. INHALATION: Prolonged exposure can be irritating to eyes, nose and respiratory tract. INGESTION: Not hazardous in normal industrial use.

Aggravated Medical Conditions: None Known.

Chronic Effects/Target Organs: Liver, Kidneys, Nervous system, Heart and/or circulatory system.

Emergency and First Aid Procedures: Eye and or Skin Contact: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. Inhalation: Remove victim to fresh air. Give artificial respiration if not breathing. If symptoms develop, seek medical attention. Ingestion: Get immediate medical attention. Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

Carcinogenicity: No regulated ingredients.

Toxicity Information: 2-Butoxyethanol: may affect the liver and kidneys and may increase red blood cell hemolysis.

SECTION VII - Precautions for Safe Handling and Use

Releases or Spilled: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

Waste Disposal: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

Handling and Storing: Avoid breathing vapor. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120F (48.9C). Store as Level 1 Aerosol (NFPA 30B).

Other Precautions: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

SECTION VIII - Employee Protection:

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: General ventilation is adequate under normal conditions, mechanical ventilation is optional.

Protective Gloves: Chemical resistant gloves are recommended - consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection: Safety glasses are recommended.

Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.

Work/Hygenic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29CFR 1910.132 and CFR 1910.133.

SECTION IX - Other Regulatory Controls:

Governmental Listings: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

SECTION X - Transportation (D.O.T. Classification)

Shipping Name: Consumer Commodity Hazard Class: ORM-D

NG-Negligible NA-Not Applicable NE-Not Established UN-Unavailable ND-Not Determined

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