

# S A F E T Y   D A T A   S H E E T



**3141 Clifty Drive • Madison, IN 47250**

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

NAME:

**GLASS CLEANER**

TYPE:

Glass Cleaner

PRODUCT #

727051

**FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN**

### EMERGENCY RESPONSE INFORMATION:

CHEMTREC	800-424-9300	24-Hour Service
Company Offices:	812-273-6000	Weekdays
Cara Cyrus:	812-599-3611	Evenings and Weekends
Bill Torline:	812-599-4976	Evenings and Weekends

PREPARED DATE:

04-01-15

PREPARED BY:

Marjorie E. Hare

## SECTION 2: HAZARDS IDENTIFICATION

### GHS Classification

Flammable Liquids	Category 4	H227
Acute Toxicity, Oral	Category 5	H303
Acute Toxicity, Dermal	Category 5	H313
Serious Eye Damage/Eye Irritation	Category 2B	H320
Aquatic Toxicity (Acute)	Category 3	H402

### Signal Word

**WARNING**

### Symbol

No symbol required.

### Hazard Statements

H227	Combustible liquid.
H303	May be harmful if swallowed.
H313	May be harmful in contact with skin.
H320	Causes eye irritation.
H402	Harmful to aquatic life.

### Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P235	Keep cool.
P264	Wash hands, forearms, and exposed areas thoroughly after handling.
P240	Ground/bond container and receiving equipment.
P242	Use only non-sparking tools.
P264	Wash hands, forearms, and exposed areas 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 + P330	IF SWALLOWED: rinse mouth.
P302 + P362 + P364	IF ON SKIN: Take off contaminated clothing and wash it before reuse.
P304 + P340	IF INHALED: Remove person 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.
P313	Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370 + P378	In case of fire: Use appropriate media to extinguish.
P403	Store in a well-ventilated place.
P501	Dispose of contents / container according to local, regional, national and international regulations.

# SAFETY DATA SHEET

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>SYNONYM</u>	<u>CAS NO.</u>	<u>% BY WEIGHT</u>
Isopropyl alcohol	2-propanol, Isopropanol	67-63-0	1 – 10

## SECTION 4: FIRST AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES:

<b>EYES:</b>	Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician.
<b>SKIN:</b>	Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.
<b>INGESTION:</b>	INDUCE VOMITING. Give water. Call a physician. DO NOT give anything by mouth if the person is unconscious or if having convulsions.
<b>INHALATION:</b>	Move subject to fresh air and get medical attention.
<b>PRIMARY ROUTE(S) OF ENTRY:</b>	Eyes, ingestion.

### MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED:

<b>EYE CONTACT:</b>	Contacted areas may exhibit irritation.
<b>SKIN CONTACT:</b>	Contacted areas may exhibit irritation.
<b>INGESTION:</b>	May be harmful if swallowed.
<b>INHALATION:</b>	No hazard in normal industrial use.
<b>CHRONIC SYMPTOMS:</b>	None expected under normal conditions of use.

### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

If you experience any of the symptoms / effects listed above seek medical advice.

## SECTION 5: FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA:

Use extinguishing media as appropriate for surrounding fire.

### SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Not considered flammable or explosive. Hazardous reactions will not occur under normal conditions.

### ADVICE FOR FIRE FIGHTERS:

Wear self-contained breathing apparatus and full protective clothing. Use water spray to keep containers cool.

**Hazardous Combustion Products:** Oxides of carbon, oxides of nitrogen.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

Avoid all contact with skin, eyes and clothing. Wear safety eyewear to protect against unexpected splashes. Wear suitable protective clothing. Use NIOSH / MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Contain liquid spills with sand and absorb on inert material. Dispose with solid waste. See Waste Disposal Method. Do not discharge to sewers or waterways without proper treatment.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Wear proper safety equipment when handling this product. Handle in accordance with good industrial hygiene and safety procedures.

### CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:

Normal for alkaline materials. Store away from acids. Keep container closed when not in use. Keep from freezing. Store between 41°F and 100°F.

# SAFETY DATA SHEET

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### CHEMICAL IDENTITY

Isopropyl alcohol

#### CAS NO.

67-63-0

#### OSHA PEL

400 ppm

#### ACGIH TLV

400 ppm

### ENGINEERING CONTROLS:

Not needed for normal use.

### INDIVIDUAL PROTECTION MEASURES:

Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. The following information may be used to assist in PPE selection.

### RESPIRATORY PROTECTION:

Not needed for normal use.

### SKIN PROTECTION:

Impermeable gloves. Other equipment as required to avoid contact.

### EYE PROTECTION:

Safety eyewear to protect against unexpected splashes.

### GENERAL HYGIENE CONSIDERATIONS:

Eyewash facility and emergency shower should be in close proximity. Always wash hands after handling any chemical.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

Clear, blue liquid.

### ODOR:

Mild.

### ODOR THRESHOLD:

Not available.

### pH (100%):

8.0 – 9.0

### MELTING POINT/FREEZING POINT

36°F.

### INITIAL BOILING POINT AND BOILING RANGE

212°F (100°C)

### FLASH POINT (METHOD USED)

Greater than 140°F (TOC, ASTM D 1310).

### EVAPORATION RATE

1.0 (water = 1).

### FLAMMABILITY (SOLID, GAS)

Not available.

### UPPER/LOWER FLAMMABLE OR EXPLOSIVE LIMIT

Not available.

### VAPOR PRESSURE

Not available.

### VAPOR DENSITY

Not available.

### SPECIFIC GRAVITY

1.0

### SOLUBILITY IN WATER

Complete.

### PARTITION COEFFICIENT: N-OCTANOL/WATER

Not available.

### AUTO-IGNITION TEMPERATURE

Not available.

### VISCOSITY, DYNAMIC

Not available.

### DECOMPOSITION TEMPERATURE

Not available.

### VISCOSITY

Not available.

## SECTION 10: STABILITY AND REACTIVITY

### REACTIVITY:

Hazardous reactions will not occur under normal conditions.

### CHEMICAL STABILITY:

Stable under recommended handling and storage conditions (see Section 7).

### POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerization will not occur.

### CONDITIONS TO AVOID:

No data found

### INCOMPATIBLE MATERIALS:

Strong oxidizing agents, acids.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon, oxides of nitrogen.

# SAFETY DATA SHEET

## SECTION 11: TOXOLOGICAL INFORMATION

ACUTE TOXICITY:	Not classified.
LD50 AND LC50 DATA:	Not available.
ROUTES OF EXPOSURE / SYMPTOMS	
EYES:	Contacted areas may exhibit irritation.
SKIN:	Contacted areas may exhibit irritation.
INGESTION:	May be harmful if swallowed.
INHALATION:	No hazard in normal industrial use.
GERM CELL MUTAGENICITY:	Not classified.
TERATOGENICITY:	Not available.
CHRONIC EFFECTS / CARCINOGENICITY:	This material contains no ingredient above de minimus concentrations known or suspected to cause cancer.
SPECIFIC TARGET ORGAN TOXICITY (Repeated exposure):	Not classified.
REPRODUCTIVE TOXICITY:	Not classified.
SPECIFIC TARGET ORGAN TOXICITY (Single exposure):	Not classified.
ASPIRATION HAZARD:	Not classified.
COMPONENT INFORMATION:	
Isopropyl alcohol	LD50 Oral Rat: 5,840 mg/kg LD50 Dermal: 13,900 mg/kg LC50 Inhalation: No data

## SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY	The ecotoxicity of this product is not known
COMPONENT INFORMATION	
Isopropyl alcohol	Not expected to be harmful to aquatic organisms.
PERSISTENCE AND DEGRADABILITY:	Not available.
BIOACCUMULATIVE POTENTIAL:	Not available.
MOBILITY IN SOIL:	Not available.
OTHER ADVERSE EFFECTS:	This material contains no hazardous air pollutants (HAPS).

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Normal for alkaline wastes. Dispose in accordance with local, state and federal regulations.
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## SECTION 14: TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:	Compound, cleaning, NOI, liquid
HAZARD CLASS:	Not applicable.
IDENTIFICATION NUMBER:	Not applicable.
PACKING GROUP:	Not applicable.
EMERGENCY RESPONSE GUIDE:	Not applicable.

# SAFETY DATA SHEET

## SECTION 15: REGULATORY INFORMATION

**VOC:** 0 pounds per gallon (0 grams per liter).  
**TSCA STATUS** All ingredients are listed on the TSCA inventory.  
**CERCLA REPORTABLE QUANTITY** None established.

### SARA 311 / 312 HAZARD CLASSES

<b>x</b>	ACUTE HEALTH
	FIRE
	SUDDEN RELEASE OF PRESSURE
	CHRONIC HEALTH
	REACTIVE

### SARA 312 INFORMATION

Storage of 10,000 pounds or more may require filing a Tier 2 form. Threshold planning quantity for reporting is 10,000 pounds. This material is not an extremely hazardous substance (EHS).

### SARA 313 INFORMATION

This material contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

### CHEMICAL NAME

None

### CATEGORY CODE

### CAS NUMBER

### % BY WEIGHT

### STATE REGULATORY INFORMATION

#### CALIFORNIA PROPOSITION 65

California has not identified the ingredients listed in Section 3 as known to cause cancer or reproductive toxicity.

## SECTION 16: OTHER INFORMATION

**MSDS STATUS:** Revised to GHS Standards on 04-01-15.

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

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