



**SAFETY  
DATA SHEET**

**SECTION 1- CHEMICAL PRODUCT AND COMPANY INFORMATION**

**Product Name:** Glass Cleaner 30:1

**Product Use:** Concentrated Glass Cleaner and Windshield Washer Solvent (-32)

**Use Restrictions:** For Industrial and Professional Use Only

**Manufacturer:** GoKlean Products LLC  
1220 Biscayne Blvd.  
Deland, FL 32720  
Phone: 863-607-6700

**SECTION 2- HAZARDS IDENTIFICATION**

**1) GHS Classification of the substance or mixture:**

- Acute toxicity, Inhalation- Category 3
- Acute toxicity, Dermal- Category 3
- Acute toxicity, Oral- Category 3
- Acute toxicity, Eye- Category 2B
- Flammable Liquids- Category 2
- Specific target organ toxicity- single exposure- Category 1

**2) Label Elements:**



**Signal Word:** Danger

**Hazard Statements:**

- H225- Highly flammable liquid and vapor
- H301+H311+H331- Toxic if swallowed, in contact with skin or if inhaled
- H370- Causes damage to organs

**Precautionary Statements:**

- P102- Keep out of reach of children
- P210- Keep away from heat/sparks/open flame
- P234- Keep only in original container
- P260- Do not breathe fume/mist/vapours/spray
- P262- Do not get in eyes, on skin, or on clothing
- P264- Wash skin thoroughly after handling
- P280- Wear solvent resistant protective gloves and splash proof eyewear
- P307+P311- If exposed: call POISON CENTER or doctor/physician

**Response Statements:**

P303+P353+P361+P363- IF ON SKIN (or hair): Rinse skin with water/shower. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, and easy to do so. Continue Rinsing.

P304+P340+ IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301+P310- IF SWALLOWED: Immediately call POISON CENTER or doctor/physician.

**Storage and Disposal Statements:**

P403- Store in a well-ventilated place.

P405- Store locked up.

P501- Dispose of contents/container in accordance with local/regional/national regulation.

**Other Hazards:**

OSHA HCS 2012- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

**HMIS Classification:**

Health Hazard- 2

Chronic Health Hazard- 0

Flammability- 3

Physical Hazards- 0

**SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical/Common Name</u>	<u>CAS #</u>	<u>PERCENTAGE</u>	<u>HAZARDOUS</u>
Methyl Alcohol	67-56-1	90-95%	Yes

**SECTION 4- FIRST AID MEASURES**

**Inhalation:** If affected, remove individual to fresh air. If breathing is difficult administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet and obtain medical attention.

**Skin:** Immediately flush affected area with lots of water for at least 2 minutes. Remove contaminated clothing and wash before reuse.

**Eyes:** Flush immediately with large quantities of running water for at least 5 minutes. Obtain medical attention.

**Ingestion:** Immediately rinse mouth with a lot of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Obtain immediate medical attention.

**SECTION 5-FIRE FIGHTING MEASURES**

**Flash Point:** 57°F (T.C.C.)

**Auto ignition Temperature:** 455°F

**Lower Explosive Limit:** 6% (V)    **Upper Explosive Limit:** 36% (V)

**General Hazards-**

**Fire:** Product is flammable or combustible in presence of ignition source.

**Suitable Extinguishing Media:** Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

**Fire Fighting Procedures:** Wear self contained breathing apparatus for fire fighting if necessary.

**Hazardous Combustion Products:** Normal thermal decomposition byproducts i.e. carbon oxides.

**SECTION 6- ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing vapors, mist or gas.

**Emergency Procedures:** As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

**Environmental precautions:** Avoid run off to waterways and sewers.

**Methods and material for containment and cleaning up:** Stop leak if you can do it without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to appropriate waste disposal container.

## SECTION 7- HANDLING AND STORAGE

**Precautions for safe handling:**

Avoid contact with skin and eyes by wearing protective clothing and equipment. Avoid inhalation of vapor or mist. Use only with adequate ventilation.

**Conditions for safe storage:**

Keep container tightly closed in a dry and well-ventilated place. Store away from acids, acidic materials and oxidizers.

## SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:**

Component	CAS #	ACGIH Exposure Limits	OSHA Exposure Limits
Methyl Alcohol	67-56-1	200 ppm	200 ppm

**Personal Protective Equipment-**

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

**Hand protection:** Wear protective gloves made from the following materials- nitrile rubber or polyethylene. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye Protection:** Wear safety glasses with side shields.

**Skin and Body Protection:** Where extensive dermal exposure may be expected, either a chemical suit or chemical apron will be needed.

**Hygienic Practices:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

<b>Products Description:</b>	Clear blue liquid with characteristic odor
<b>Solubility in Water:</b>	Complete
<b>Boiling Point:</b>	N/A
<b>Specific Gravity (WATER=1):</b>	0.96
<b>Vapor Pressure (mmHg):</b>	N/D
<b>Vapor Density (AIR=1):</b>	N/D
<b>Percent Volatile by Volume (%):</b>	> 90.00
<b>Evaporation Rate (WATER=1):</b>	1
<b>Flash Point (T.C.C.):</b>	57°F
<b>pH (1% w/w in water):</b>	8-10

## SECTION 10- STABILITY AND REACTIVITY DATA

**Stability:** Stable under recommended storage conditions.

**Material to Avoid:** Avoid contact with acids and strong oxidizers such as permanganate, chlorine, ect.

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** None

## SECTION 11- TOXICOLOGICAL INFORMATION

**Methyl Alcohol-**

**Acute oral toxicity-** LD50 Oral: 143 mg/kg

**Species:** Human

**Remarks:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Acute inhalation toxicity-** LC50: 128.2 mg/l

**Species:** Rat

**Acute dermal toxicity-** LD50: 17,100 mg/kg

**Species:** Rabbit

**Remarks:** Skin, eye or respiratory sensitization: no irritation or sensitization detected.

**SECTION 12- ECOLOGICAL INFORMATION**

**Toxicity:** Toxic to fish.

**Persistence and degradability:** Aerobic- rapidly biodegradable.

**Bioaccumulative potential:** Material data lacking.

**Mobility in Soil:** Will not absorb in soil.

**Other adverse effects:** No studies have been found.

**Other Information:** Avoid release to the environment.

**Biochemical Oxygen Demand (B.O.D.)-** 600-1,120 mg/g

**Chemical Oxygen Demand (C.O.D.)-** 1420 mg/g

**SECTION 13- DISPOSAL CONSIDERATIONS**

**Further information:** Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of as hazardous waste in compliance with local and national regulations.

**SECTION 14- TRANSPORT INFORMATION**

Transport in accordance with all federal, state and local regulations.

**DOT-**

UN Number: UN 1992

UN proper shipping name: Flammable liquid, toxic, n.o.s. (methyl alcohol)

Hazard class: 3

Packing group: II

**SECTION 15- REGULATORY INFORMATION**

**OSHA Hazards:** Flammable liquid, Target Organ Effect, Toxic by Inhalation, Toxic by ingestion, Toxic by skin absorption.

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** The following components are subject to reporting levels established by SARA Title III, Section 313-

Product	CAS No.	Revision Date
Methanol	67-56-1	2007-07-01

**SARA 311/312 Hazards:** Fire hazard, Acute health hazard, Chronic health hazard

**Massachusetts Right to Know Components:**

Product	CAS No.	Revision Date
Methanol	67-56-1	2007-07-01

**Pennsylvania Right to Know Components:**

Product	CAS No.	Revision Date
Methanol	67-56-1	2007-07-01

**New Jersey Right to Know Components:**

Product	CAS No.	Revision Date
Methanol	67-56-1	2007-07-01

**California Prop. 65 Components:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16- OTHER INFORMATION**

References: Not available

Other Special Considerations: Not available

Created: 01/05/2012

Last Updated: 07/01/2014

**DISCLAIMER:**

The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this MSDS information may not be applicable. Information is correct to the best of our knowledge at the date of the MSDS publication.