



# OSBORN GLASS CLEANER 76289

## SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	OSBORN GLASS CLEANER 76289
Product Code	M-5717

**Relevant identified uses of the substance or mixture and uses advised against**

Identified Use(s)	Cleaning product
Uses Advised Against	None

Company Identification	Osborn 2350 Salisbury Road North Richmond, IN 47374 USA
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Telephone	(765) 965-5333
Fax	(765) 935-0212
E-Mail (competent person)	<a href="mailto:marketsupport@osborn.com">marketsupport@osborn.com</a>

**Emergency telephone number**

Emergency Phone No.	<b>Transportation Emergency:</b> CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)
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### SECTION 2: HAZARDS IDENTIFICATION

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products under OSHA Hazard Communication labeling .

**Classification of the substance or mixture**

OSHA HCS (29 CFR 1910.1200)	Liquefied gas
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**Label elements**

Hazard Symbol



Signal word(s)

**WARNING**

Hazard Statement(s)

Contains gas under pressure; may explode if heated.

Precautionary Statement(s)

Protect from sunlight and store in well-ventilated place. Do not expose to temperatures exceeding 50°C/ 122°F.

**Other hazards**

None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Propane	1 - 5	74-98-6	Flam. Gas 1, H220 Press. Gas (*)



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Butane	1 - 5	106-97-8	Flam. Gas 1, H220 Press. Gas (*)
Ethanol	1 - 2	64-17-5	Flam. Liq. 2; H225 Eye Irrit. 2; H319
Methanol	<1	67-56-1	Flam. Liq. 2; H225 Acute Tox. 3; H301, H311, H331 STOT SE 1; H370 (Optic nerve, Central nervous system)
2-Butoxyethanol	1 - 5	111-76-2	Acute. Tox. 4; H302, H312, H332 Skin Irrit. 2; H315 Eye Irrit. 2a; H319
Aqua ammonia	< 1	1336-21-6	Skin Irrit. 2; H315 Eye Irrit. 2; H319

**Additional Information** - None

\* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

## SECTION 4: FIRST AID MEASURES



### Description of first aid measures

Inhalation	Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.
Ingestion	Immediately call a POISON CENTER or doctor/physician. Do not give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed** None anticipated

**Indication of any immediate medical attention and special treatment needed** None anticipated

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or waterspray.
-Unsuitable Extinguishing Media	Do not use water jet.

**Special hazards arising from the substance or mixture** Pressurised container: May burst if heated

**Advice for fire-fighters** A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** Avoid contact with skin and eyes.

<b>Environmental precautions</b>	Prevent liquid entering sewers, basements and workpits.
<b>Methods and material for containment and cleaning up</b>	Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
<b>Reference to other sections</b>	None
<b>Additional Information</b>	None

## SECTION 7: HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Use product in a well-ventilated area only. Avoid contact with skin and eyes.
<b>Conditions for safe storage, including any incompatibilities</b>	
-Storage temperature	Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
-Incompatible materials	This product should be stored away from sources of strong heat or oxidizing chemicals.
<b>Specific end use(s)</b>	Cleaning product

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
n-Butane	106-97-8	-----	250 ppm	-----	-----	-----
Propane	74-98-6	1000 ppm	Aspyx.#	-----	-----	#
Ethanol	64-17-5	1000 ppm	-----	-----	1000 ppm	-----
Methanol	67-56-1	200 ppm	200 ppm	-----	250 ppm	Skin
2-Butoxyethanol	111-76-2	50 ppm	20 ppm	-----	-----	-----
Ammonia	7664-41-7	50 ppm	25 ppm	-----	35 ppm	-----

#Assure minimum oxygen content of work atmosphere.

<b>Recommended monitoring method</b>	NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C); NIOSH 1400 (Alcohols I); NIOSH 1403 (Alcohols IV).
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### Exposure controls

<b>Appropriate engineering controls</b>	Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits.
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### Personal protection equipment

Eye/face protection      Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)      Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber).



Respiratory protection      In case of insufficient ventilation, wear suitable respiratory equipment.





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Thermal hazards

Not normally required.

Environmental Exposure Controls

None known

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Liquid / Liquefied gas
Color.	Clear
Odor	Not available
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	Non-flammable
Evaporation Rate	Not available
Flammability (solid, gas)	Non-flammable
Explosive Limit Ranges	Not applicable
Vapor pressure (Pascal)	Not available
Vapor Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Non-flammable
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	<20
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
<b>Other information</b>	Not available

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None anticipated.
<b>Conditions to avoid</b>	Avoid contact with heat and ignition sources.
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition product(s)</b>	None known

## SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

### Mixtures

Acute toxicity	LD50 >5000 mg/kg-bw
Irritation / Corrosivity	Causes serious eye irritation.

### Substances in preparations / mixtures

Methanol (CAS# 67-56-1)

<b>Acute toxicity *</b>	LD50 (oral, monkey): 7000 mg/kg-bw LD0 (oral, rat): $\geq$ 2528 mg/kg-bw LC50 (inhal., cat, 6-hours): 43.68 mg/L LC50 (inhal., monkey, 4-hours): 52 mg/L Ingestion may damage the optic nerve. May cause dizziness and drowsiness.
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<b>Irritation</b>	May cause eye irritation.
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<b>Sensitisation</b>	It is not a skin sensitiser.
<b>Repeated dose toxicity</b>	NOAEC (2-yr. inhal., mouse): $\geq 1.3$ mg/L
<b>Developmental Toxicity</b>	Negative. Not a specific developmental toxin.
<b>Toxicity for reproduction</b>	Negative. Not a specific reproductive toxin.
<b>Mutagenicity</b>	Negative
<b>Carcinogenicity</b>	Probably not carcinogenic to humans.
<b>Other information</b>	* ATE (oral) = 100 mg/kg * ATE (dermal) = 300 mg/kg * ATE (inhalation) = 3 mg/L

## Propane (CAS# 74-98-6):

<b>Acute toxicity</b>	Inhalation: LC50 = 1237 mg/L (2-hr, mouse, gas)
<b>Irritation/Corrosivity</b>	No evidence of irritant effects from normal handling and use.
<b>Sensitisation</b>	It is not a skin sensitiser.
<b>Repeated dose toxicity</b>	NOAEC: $\geq 19678$ mg/m <sup>3</sup> (28-day, rat, Systemic effects) LOAEC: 21641 mg/m <sup>3</sup> (28-day, rat, effects: Body weight)
<b>Carcinogenicity</b>	No data. It is unlikely to present a carcinogenic hazard to man.
<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
<b>Reproductive toxicity</b>	None anticipated

## SECTION 12: ECOLOGICAL INFORMATION

### **Aquatic toxicity:**

Short term	LC50 (96 hour): >100 mg/L ( <i>Fish</i> )
Long Term	NOAEC (28 days): >100 mg/l ( <i>Fish</i> ) QSAR

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Waste treatment methods</b>	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.
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## SECTION 14: TRANSPORT INFORMATION

	<b>U.S. DOT</b>	<b>Sea transport (IMDG)</b>	<b>Air transport (ICAO/IATA)</b>
<b>UN number</b>	1950	1950	1950
<b>Proper Shipping Name</b>	Aerosols, non-flammable	Aerosols, non-flammable	Aerosols, non-flammable
<b>Transport hazard class(es)</b>	2.2	2.2	2.2
<b>Packing group</b>	Not applicable	Not applicable	Not applicable
<b>Environmental hazards</b>	None assigned	None assigned	None assigned
<b>Special precautions for user</b>	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

## SECTION 15: REGULATORY INFORMATION

### **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

### **Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):**

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
Methanol	67-56-1	< 1	5000

SARA 311/312 - Hazard Categories:



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Fire     Sudden Release     Reactivity     Immediate (acute)     Chronic (delayed)

### SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Methanol	67-56-1	< 1

### SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

### California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
Methanol	67-56-1	Developmental

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: Sept. 16, 2015

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

#### Hazard Statement(s)

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapour.
- H301: Toxic if swallowed.
- H302: Harmful if swallowed.
- H311: Toxic in contact with skin.
- H312: Harmful in contact with skin.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H330: Fatal if inhaled.
- H331: Toxic if inhaled.
- H332: Harmful if inhaled.
- H335: May cause respiratory irritation.
- H370: Causes damage to organs.

Training advice: None.

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