

**Safety Data Sheet**  
acc. to OSHA HCS (29 CFR 1910.1200)

**Gliss-N**

Revision: 11/1/2017

**1. Identification**

**Product identifier**

**Product name:** Gliss-N

**Product number:** GLI

**Recommended use and restriction on use**

**Recommended use:** Glass cleaner

**Restrictions on use:** No relevant information available.

**Details of the supplier of the Safety Data Sheet**

Verax Chemical Company  
20102 Broadway Ave  
Snohomish, WA 98296  
Tel: 360-668-2431

**Emergency telephone number**

USA: (800) 535-5053                      International: +1 (352) 323-3500

**2. Hazard(s) identification**

**Classification of the substance or mixture**

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

OR

Hazard class and category	Hazard statement code(s)	
Serious eye damage/eye irritation	Cat. 2.	H319/320

**Label elements**

**Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) Hazard pictograms**

**Signal word:** Warning

**Pictograms**



GHS07

**Hazard statements**

H319/320                                      Causes serious eye irritation

**Precautionary statements - prevention**

Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection.

**Precautionary statements – response**

Immediately call a POISON CENTER or doctor

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

**Gliss-N**

Revision: 11/1/2017

### 3. Composition/information on ingredients

Chemical Name	CAS No.	Weight %
Isopropyl Alcohol	67-63-0	10-20
Propylene glycol momomethyl ether	107-98-2	<5

**Additional information:**

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

### 4. First-aid measures

**Description of first aid measures****General Advice****After inhalation**

Remove to fresh air.

**After skin contact**

Wash off immediately with plenty of water for at least 15 minutes.

**After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**After swallowing**

Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed**

Causes serious eye irritation.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

### 5. Fire-fighting measures

**Extinguishing media****Suitable extinguishing agents**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing agents:** Not determined.

**Special hazards arising from the substance or mixture**

Not determined.

**Advice for firefighters****Protective equipment:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.



# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

**Gliss-N**

Revision: 11/1/2017

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### Personal precautions

Use personal protective equipment as required.

#### Environmental precautions

See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

#### Methods for containment

Prevent further leakage or spillage if safe to do so.

#### Methods for clean-up

Prevent further leakage or spillage if safe to do so.

### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. Handling and storage

### Precautions for safe handling

#### Recommendations

Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection.

**Information about protection against explosions and fires:** No special measures required.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

#### Requirements to be met by storerooms and receptacles

None.

#### Incompatible substances or mixtures

None known based on information supplied.

**Specific end use(s):** No relevant information available.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Chemical Name	CAS No.	Type	[ppm]	[mg/m <sup>3</sup> ]
Isopropyl Alcohol	67-63-0	TWA	200	-

**Safety Data Sheet**  
acc. to OSHA HCS (29 CFR 1910.1200)

**Gliss-N**

Revision: 11/1/2017

		STEL	400	-
Propylene glycol monomethyl ether	107-98-2	STEL (vacated)	150	540
		TWA (vacated)	100	360

**US. ACGIH Threshold Limit Values**

Chemical Name	CAS No.	Type	[ppm]	[mg/m <sup>3</sup> ]
Isopropyl Alcohol	67-63-0	TWA	200	-
		STEL	400	-
Propylene glycol monomethyl ether	107-98-2	STEL	100	-
		TWA	50	-

**US. NIOSH: Pocket Guide to Chemical Hazards**

Chemical Name	CAS No.	Type	[ppm]	[mg/m <sup>3</sup> ]
Isopropyl Alcohol	67-63-0	IDLH	2000	-
		TWA	400	980
		STEL	500	1225
Propylene glycol monomethyl ether	107-98-2	STEL	150	540
		TWA	100	360

**Notation**

- PEL Permissible exposure limit.
- STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.
- TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.
- IDLH Immediately Dangerous to Life or Health

**Exposure controls**

**Appropriate engineering controls**

Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures**

Handle in accordance with good industrial hygiene and safety practice.

**Eye/face protection**

Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and body protection**

Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory protection**

Refer to 29 CFR 1910.134 for respiratory protection requirements.

**Other protection measures**

None.

**Limitation and supervision of exposure into the environment**

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

**Safety Data Sheet**  
acc. to OSHA HCS (29 CFR 1910.1200)

**Gliss-N**

Revision: 11/1/2017

**Risk management measures** No special requirements.

**9 Physical and chemical properties**

**Information on physical and chemical properties**

**Appearance**

<b>Form</b>	Liquid
<b>Color</b>	Clear, green
<b>Odor</b>	Mint
<b>Odor threshold</b>	Not determined
<b>pH</b>	5
<b>Melting point/freezing point</b>	0°C (32°F)
<b>Boiling point/boiling point range</b>	93.3°C (200°F)
<b>Flash point</b>	Not available
<b>Auto-ignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%)</b>	Not determined
<b>Flammability limit – upper (%)</b>	Not determined
<b>Explosive limit – lower (%)</b>	Not determined
<b>Explosive limit – upper (%)</b>	Not determined
<b>Vapor Pressure at 20°C (68°F)</b>	Not determined
<b>Density at 20°C (68°F)</b>	0.975 g/cm <sup>3</sup> (7.98 lbs/gal)
<b>Relative density</b>	Not determined
<b>Vapor density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not determined
<b>Partition coefficient (n-octanol/water)</b>	Not determined
<b>Viscosity</b>	Not determined
<b>Other information</b>	No relevant information available

**10 Stability and reactivity**

**Reactivity**

The product is stable and non-reactive under normal conditions of use, storage, and transport

**Chemical stability**

The product is stable under normal conditions

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Keep out of reach of children.



# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

## Gliss-N

Revision: 11/1/2017

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 11 Toxicological information

### Information on likely routes of exposure

#### Product Information

**Eye Contact:** Causes severe eye damage.

**Skin Contact:** Avoid contact with skin.

**Inhalation:** Do not inhale.

**Ingestion:** Do not ingest.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol 67-63-0	=1870 mg/kg (Rat)	=4059 mg/kg (Rabbit)	=72600 mg/m <sup>3</sup> (Rat) 4h
Propylene glycol monomethyl ether 107-98-2	=5000 mg/kg (Rat)	=13 g/kg (Rabbit)	>7559 ppm (Rat)6 h

### Information on physical, chemical and toxicological effects

#### Symptoms

Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Carcinogenicity

Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol 107-98-2	-	Group 3	-	X

#### Legend

*IARC (International Agency for Research on Cancer)*  
*Group 3 IARC components are "not classifiable as human carcinogens"*  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
*X - Present*

### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

**Safety Data Sheet**  
acc. to OSHA HCS (29 CFR 1910.1200)

**Gliss-N**

Revision: 11/1/2017

ATEmix (oral)	16,561.00 mg/kg
ATEmix (dermal)	36,560.00 mg/kg
ATEmix (inhalation-dust/mist)	715.80 mg/L
ATEmix (inhalation-vapor)	999.12 mg/L

**12 Ecological information**

**Toxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chemical Name	Endpoint Value	Species	Exposure time
Isopropyl Alcohol 67-63-0	1000 mg/L EC50	Desmodesmus subspicatus	72 h
	1000 mg/L EC50	Desmodesmus subspicatus	96 h
	1400000 µg/L LC50	Lepomis macrochirus	96 h
	9640 LC50 flow-through	Pimephales promelas	96 h
	11130 mg/L LC50 static	Pimephales promelas	96 h
Propylene glycol monomethyl ether 107-98-2	13299 mg/L EC50	Daphnia magna	48 h
	4600-10000 mg/L LC50	Leuciscus idus	96 h
	20.8 g/L LC50 static	Pimephales promelas	96 h
	23300 mg/L EC50	Daphnia magna	48 h

**Persistence and degradability**

Not determined.

**Bioaccumulative potential**

Not determined.

**Mobility in soil**

No relevant information available.

OR

Chemical Name	Partition Coefficient
Isopropyl Alcohol 107-98-2	0.05
Propylene glycol monomethyl ether 107-98-2	-0.437

**Additional ecological information**

**General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Other adverse effects:** Not determined.

**13 Disposal considerations**

**Waste treatment methods**

**Disposal Recommendations**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and



# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

## Gliss-N

Revision: 11/1/2017

disposal for hazardous and nonhazardous wastes.

### Uncleaned packaging

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agent:** Water, if necessary with cleansing agents.

### California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Isopropyl Alcohol 67-63-0	Toxic Ignitable

### 14 Transport information

#### DOT

Not regulated

#### IATA

Not regulated

#### IMDG

Not regulated

### 15 Regulatory information

#### International Inventories

All ingredients are listed or exempt from listing on Chemical Substance Inventory

#### US Federal Regulations

##### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

##### SARA 313

Chemical Name	CAS No.	Weight-%	SARA 313 – Threshold Values %
Isopropyl Alcohol	67-63-0	10-20	1.0

##### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### US State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X
Propylene glycol monomethyl ether	X	X	X



**Safety Data Sheet**  
acc. to OSHA HCS (29 CFR 1910.1200)

**Gliss-N**

Revision: 11/1/2017

107-98-2

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Date of Preparation / current revision:** 11/1/2017 /

**· Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))

Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org)) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers