

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	GLASS CLEANER
Other means of identification	:	Not applicable
Recommended use	:	Glass Cleaner
Restrictions on use	:	Reserved for industrial and professional use.
Product dilution information	:	Product is sold ready to use.
Company	:	Ecolab Inc. 4050 Corporate Dr., #100 Grapevine, Texas USA 76051-2326 1-866-999-7484
Emergency health information	:	1-866-897-8061 (US/Canada), 952-852-4656 (outside US)
Issuing date	:	07/25/2019

#### **SECTION 2. HAZARDS IDENTIFICATION**

#### **GHS Classification**

Not a hazardous substance or mixture.

#### **GHS** label elements

Precautionary Statements	: Prevention:
-	Wash hands thoroughly after handling.
	Response:
	Get medical advice/ attention if you feel unwell.
	Storage:
	Store in accordance with local regulations.

Other hazards : None known.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

No hazardous ingredients

#### SECTION 4. FIRST AID MEASURES

In case of eye contact	Rinse with plenty of water.	
In case of skin contact	Rinse with plenty of water.	
If swallowed	Rinse mouth. Get medical attention if symptoms occur.	
If inhaled	Get medical attention if symptoms occur.	
Protection of first-aiders	No special precautions are necessary for first aid responders.	
Notes to physician	No specific measures identified.	

Most important symptoms :	:	See Section 11 for more detailed information on health effects and
and effects, both acute and		symptoms.
delayed		

SECTION 5.	FIRE-FIGHTING	MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides
Special protective equipment for fire-fighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non- combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.
SECTION 7. HANDLING AND	S	FORAGE
Advice on safe handling		Wash hands after handling. In case of mechanical malfunction, or if in

Advice on safe handling	:	Wash hands after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). For personal protection see section 8.
Conditions for safe storage	:	Keep out of reach of children. Store in suitable labeled containers.

#### Storage temperature : 0 °C to 50 °C

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : Good general ventilation should be sufficient to control worker

exposure to airborne contaminants.

#### Personal protective equipment

Eye protection	:	No special protective equipment required.
Hand protection	:	No special protective equipment required.
Skin protection	:	No special protective equipment required.
Respiratory protection	:	No personal respiratory protective equipment normally required.
Hygiene measures	:	Wash hands before breaks and immediately after handling the product.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Color:clear, light blueOdor:FloralpH:10.0 - 11.0, (100 %)Flash point:Not applicableOdor Threshold:No data availableMetting point/freezing point:No data availableInitial boiling point and boiling range:No data availableEvaporation rate:No data availableIpper explosion limit:No data availableLower explosion limit:No data availableVapor pressure:No data availableRelative vapor density:No data availableRelative density:No data availableSolubility in other solvents:No data availablePartition coefficient: n- octanol/water:No data availableVatogop roperties:No data availableSolubility in other solvents:No data availablePartition coefficient: n- octanol/water:No data availableViscosity, kinematic:No data availableViscosity kinematic:No data availableViscosity kinematic:No data availableViscosity kinematic:No data availableViscosity kinematic:<	Appearance	: liquid	
pH:10.0 - 11.0, (100 %)Flash point:Not applicableOdor Threshold:No data availableMelting point/reezing point:No data availableInitial boiling point and boiling range:No data availableEvaporation rate:No data availableFlammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableVapor pressure:No data availableRelative vapor density:No data availableRelative density:0.99 - 1.01Water solubility in other solvents:No data availablePartition coefficient: n- octanol/water:No data availableAutoignition temperature:No data availableViscosity, kinematic:No data availableViscosity, kinematic:No data availableExplosive properties:No data availableOxidizing properties:No data availableOxidi	Color	: clear, light blue	
Flash point:Not applicableOdor Threshold:No data availableMelting point/freezing point:No data availableInitial boiling point and boiling range:No data availableEvaporation rate:No data availableFlammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableLower explosion limit:No data availableVapor pressure:No data availableRelative vapor density:No data availableRelative density:0.99 - 1.01Water solubility in other solvents:No data availablePartition coefficient: n- cotanol/water:No data availableAutoignition temperature:No data availableViscosity, kinematic:No data availableExplosive properties:No data availableOxidizing roperties:No data availableOxidizing roperties:No data availableOxidizing roperties:No data availableOxidizing roperties:No data available	Odor	: Floral	
Odor Threshold:No data availableMelting point/freezing point:No data availableInitial boiling point and boiling range:No data availableEvaporation rate:No data availableFlammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableVapor pressure:No data availableRelative vapor density:No data availableRelative density:0.99 - 1.01Water solubility in other solvents:No data availableSoluble:No data availableAutoignition temperature:No data availableViscosity, kinematic:No data availableViscosity, kinematic:No data availableExplosive properties:No data availableOxidizing properties:No data availableOxidizing properties:No data availableCiscosity, kinematic:No data availableExplosive properties:No data availableOxidizing properties:No data availableOxidizing properties:No data availableCiscosity, kinematic:No data availableCiscosity, kinematic:No data availableOxidizing properties:No data availableOxidizing properties:No data availableOxidizing properties:No data availableOxidizing pro	рН	: 10.0 - 11.0, (100 %)	
Melting point/freezing point:No data availableInitial boiling point and boiling range:No data availableEvaporation rate:No data availableFlammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableVapor pressure:No data availableRelative vapor density:No data availableRelative density:No data availableSolubility in other solvents:No data availablePartition coefficient: n- cctanol/water:No data availableAutoignition temperature:No data availableViscosity, kinematic:No data availableViscosity, kinematic:No data availableCividizing properties:No data availableOxidizing properties:No da	Flash point	: Not applicable	
Initial boiling point and boiling range:No data availableEvaporation rate:No data availableFlammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableVapor pressure:No data availableVapor pressure:No data availableRelative vapor density:No data availableRelative density:No data availableSolubility in other solvents:No data availablePartition coefficient: n- octanol/water:No data availableAutoignition temperature:No data availableViscosity, kinematic:No data availableViscosity, kinematic:No data availableExplosive properties:No data availableOxidizing properties:No data available <td>Odor Threshold</td> <td>: No data available</td> <td></td>	Odor Threshold	: No data available	
boiling rangeEvaporation rate: No data availableFlammability (solid, gas): No data availableUpper explosion limit: No data availableLower explosion limit: No data availableLower explosion limit: No data availableVapor pressure: No data availableRelative vapor density: No data availableRelative density: 0.99 - 1.01Water solubility: solubleSolubility in other solvents: No data availablePartition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableViscosity, kinematic: No data availableExplosive properties: No data availableOxidizing properties: No data availableOxidizing properties: No data availableMolecular weight: No data available	Melting point/freezing point	: No data available	
Flammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableVapor pressure:No data availableRelative vapor density:No data availableRelative density:0.99 - 1.01Water solubility in other solvents:No data availablePartition coefficient: n- octanol/water:No data availableAutoignition temperature:No data availableViscosity, kinematic:No data availableExplosive properties:No data availableOxidizing properties:No data availableOxidizing properties:No data availableMolecular weight:No data available		: No data available	
Upper explosion limit: No data availableLower explosion limit: No data availableVapor pressure: No data availableRelative vapor density: No data availableRelative density: 0.99 - 1.01Water solubility: solubleSolubility in other solvents: No data availablePartition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableViscosity, kinematic: No data availableExplosive properties: No data availableOxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data available	Evaporation rate	: No data available	
Lower explosion limit: No data availableVapor pressure: No data availableRelative vapor density: No data availableRelative density: 0.99 - 1.01Water solubility: solubleSolubility in other solvents: No data availablePartition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableThermal decomposition: No data availableViscosity, kinematic: No data availableExplosive properties: No data availableOxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data available	Flammability (solid, gas)	: No data available	
Vapor pressure:No data availableRelative vapor density:No data availableRelative density:0.99 - 1.01Water solubility:solubleSolubility in other solvents:No data availablePartition coefficient: n- octanol/water:No data availableAutoignition temperature:No data availableThermal decomposition:No data availableViscosity, kinematic:No data availableExplosive properties:No data availableOxidizing properties:No data availableMolecular weight:No data available	Upper explosion limit	: No data available	
Relative vapor density:No data availableRelative density:0.99 - 1.01Water solubility:solubleSolubility in other solvents:No data availablePartition coefficient: n- octanol/water:No data availableAutoignition temperature:No data availableThermal decomposition:No data availableViscosity, kinematic:No data availableExplosive properties:No data availableOxidizing properties:No data availableMolecular weight:No data available	Lower explosion limit	: No data available	
Relative density: 0.99 - 1.01Water solubility: solubleSolubility in other solvents: No data availablePartition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableThermal decomposition: No data availableViscosity, kinematic: No data availableExplosive properties: No data availableOxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data available	Vapor pressure	: No data available	
Water solubility: solubleSolubility in other solvents: No data availablePartition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableThermal decomposition: No data availableViscosity, kinematic: No data availableExplosive properties: No data availableOxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data available	Relative vapor density	: No data available	
Solubility in other solvents: No data availablePartition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableThermal decomposition: No data availableViscosity, kinematic: No data availableExplosive properties: No data availableOxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data available	Relative density	: 0.99 - 1.01	
Partition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableThermal decomposition: No data availableViscosity, kinematic: No data availableExplosive properties: No data availableOxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data available	Water solubility	: soluble	
octanol/waterAutoignition temperature: No data availableThermal decomposition: No data availableViscosity, kinematic: No data availableExplosive properties: No data availableOxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data available	Solubility in other solvents	: No data available	
Thermal decomposition:No data availableViscosity, kinematic:No data availableExplosive properties:No data availableOxidizing properties:The substance or mixture is not classified as oxidizing.Molecular weight:No data available		: No data available	
Viscosity, kinematic:No data availableExplosive properties:No data availableOxidizing properties:The substance or mixture is not classified as oxidizing.Molecular weight:No data available	Autoignition temperature	: No data available	
Explosive properties: No data availableOxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data available	Thermal decomposition	: No data available	
Oxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data available	Viscosity, kinematic	: No data available	
Molecular weight : No data available	Explosive properties	: No data available	
	Oxidizing properties	: The substance or mixture is not classified as oxidizing.	
VOC : No data available	Molecular weight	: No data available	
	VOC	: No data available	

#### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	None known.
Hazardous decomposition products		In case of fire hazardous decomposition products may be produced such as: Carbon oxides
SECTION 11. TOXICOLOGIC	AL I	NFORMATION
Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact
Potential Health Effects		
Eyes	:	Health injuries are not known or expected under normal use.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.
Experience with human expo	sur	e
Eye contact	:	No symptoms known or expected.
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.
Toxicity		
<b>Product</b> Acute oral toxicity		No data available
Acute inhalation toxicity		No data available
Acute dermal toxicity		No data available
Skin corrosion/irritation		No data available
Serious eye damage/eye irritation		No data available
Respiratory or skin sensitization	:	No data available
Carcinogenicity	:	No data available
Reproductive effects	:	No data available

Germ cell mutagenicity	: No data available
Teratogenicity	: No data available
STOT-single exposure	: No data available
STOT-repeated exposure	: No data available
Aspiration toxicity	: No data available

#### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Ecoloxicity		
Environmental Effects	his product has no known	ecotoxicological effects.
Product		
Toxicity to fish	lo data available	
Toxicity to daphnia and other aquatic invertebrates	lo data available	
Toxicity to algae	lo data available	
Persistence and degradabilit		
Not applicable - inorganic		
Bioaccumulative potential		
No data available		
Mobility in soil		
No data available		
Other adverse effects		
No data available		
SECTION 13. DISPOSAL CO	ERATIONS	

Disposal methods : Diluted product can be flushed to sanitary sewer.

Disposal considerations : Dispose of in accordance with local, state, and federal regulations.

#### **SECTION 14. TRANSPORT INFORMATION**

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

#### Land transport (DOT)

Not dangerous goods

#### Sea transport (IMDG/IMO)

Not dangerous goods

#### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know

#### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	: No SARA Hazards
SARA 302	: This material does not contain any components with a section 302 EHS TPQ.
SARA 313	: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

#### California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this	product.		
Chemical Name	CAS-No.	Function	List(s)
water	7732-18-5	Diluent	Not Applicable
Solvent	Withheld	Solvent	Not Applicable
Substituted alkylamine	Withheld	Solvent	Not Applicable
Alkyl sulfonate	Withheld	Cleaning Agent	Not Applicable
Chelating agent	Withheld	Cleaning Agent	Not Applicable
Polycarobxylate salt	Withheld	Cleaning Agent	Not Applicable
Nonionic surfactant	Withheld	Processing Aid	Not Applicable
	*rofor to oo	alah aam/ada far alaatran	ia linka to decignated lista

\*refer to ecolab.com/sds for electronic links to designated lists

#### The ingredients of this product are reported in the following inventories:

#### United States TSCA Inventory :

All substances listed as active on the TSCA inventory

#### Canadian Domestic Substances List (DSL) :

All components of this product are on the Canadian DSL

## Australia Inventory of Chemical Substances (AICS) :

not determined

## New Zealand. Inventory of Chemical Substances : not determined

not determined

# Japan. ENCS - Existing and New Chemical Substances Inventory : not determined

#### Korea. Korean Existing Chemicals Inventory (KECI) :

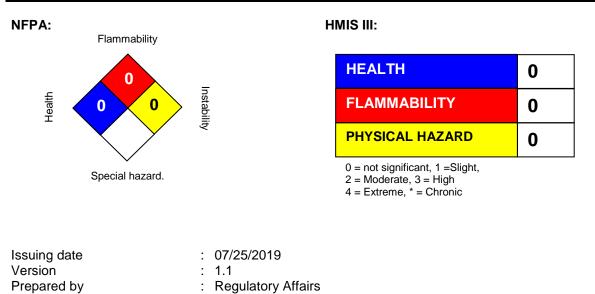
On the inventory, or in compliance with the inventory

# Philippines Inventory of Chemicals and Chemical Substances (PICCS) : not determined

# China. Inventory of Existing Chemical Substances in China (IECSC) : not determined

Taiwan Chemical Substance Inventory (TCSI) : not determined

#### **SECTION 16. OTHER INFORMATION**



REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.