SAFETY DATA SHEET

Stingray Professional Glass Cleaner (US-CA-MX / EN)

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued	12.04.2021

1.1. Product identifier

Product name	Stingray Professional Glass Cleaner (US-CA-MX / EN)
Article no.	SRGCL

1.2. Relevant identified uses of the substance or mixture and uses advised against

Function	Description: Detergent
Product group	Cleaning agents
Use of the substance / preparation	Glass Cleaner – Non-Aerosol
Uses advised against	No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company name	Unger Enterprises LLC
Office address	425 Asylum Street
Postcode	06610
City	Bridgeport, CT
Country	United States of America
Telephone number	+1 800 431 2324
Fax	+1 800 367 1988
Email	compliance@ungerglobal.com
Website	http://www.ungerglobal.com

1.4. Emergency telephone number

Identification, comments	For Hazardous Materials [or Dangerous Goods] Incident – Spill, Leak, Fire, Exposure, or Accident – Call CHEMTREC Day or Night. Within USA and Canada: 1-800-424-9300 CCN726541 or +1 703-527-3887 (collect calls accepted).

Within Mexico, please call + 1 203 366 4884 (collect calls accepted) between 8:30 am – 5:00 pm Eastern Time Zone (EST/EDT).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP classification, comments	USA: Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200. Canada: Not classified as hazardous according to the Workplace Hazardous Materials Information System (WHMIS 2015), adoption to the Globally Harmonized System (GHS). Mexico: Not classified as hazardous according to the Official Mexican Standard NMX-R-019-SCFI-2011, harmonized system of classification and hazard communication of chemicals [Globally Harmonized System (GHS)] (DOF, 29-VI-2011).

2.2. Label elements

Composition on the label	Isopropanol < 1 % wt/wt, Non-ionic surfactants < 1 % wt/wt, Fragrance mixture < 0,01 % wt/wt
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice / attention.

2.3. Other hazards

Physicochemical effects	Cf. section 9 for physical-chemical information.
Health effect	Cf. section 11 for toxicological information
Environmental effects	Cf. section 12 for information on ecology.
Symptoms and effects of potential misuse	No information.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Isopropanol (US)	CAS No.: 67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE3; H335	< 1 % wt/wt	
Non-ionic surfactants (US)	CAS No.: Trade secret**		< 1 % wt/wt	
Fragrance mixture (US)	CAS No.: Trade secret**		< 0,01 % wt/wt	

Description of the mixture: Aqueous solution of organic substances. Clear. Non-viscous. 0% of the mixture consists of ingredients(s) of unknown toxicity.
** The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Place unconscious person on the side in the recovery position and ensure breathing. If medical advice is needed, have product container or label at hand.
Inhalation	Due to the small packaging the risk of inhalation is minimal. IF INHALED: Move into fresh air and keep at rest.
Skin contact	Wash skin with soap and water.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.
Ingestion	Immediately rinse mouth and drink plenty of water (7-10 fl. oz.). Never give liquid to an unconscious person. DO NOT INDUCE VOMITING! If medical advice is needed, have product container or label at hand.

4.2. Most important symptoms and effects, both acute and delayed

Acute symptoms and effects	Cf. section 11.1 – information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment needed

Specific details on antidotes	Decontamination, symptomatic treatment. No special antidote known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Product doesn't ignite. Use fire-extinguishing media appropriate for surrounding materials.
Improper extinguishing media	Water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	This product is not flammable.
Hazardous combustion products	Carbon dioxide (CO2). Carbon monoxide (CO). Sulfur dioxide (SO2). Sulfur trioxide (SO3). Organic decomposition products.

5.3. Advice for firefighters

Personal protective equipment	In case of inadequate ventilation wear respiratory protection. Use personal protective equipment as required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with eyes and skin.
Personal protection measures	Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.
For emergency responders	In case of inadequate ventilation wear respiratory protection. Use personal protective equipment as required.

6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Clean up	Absorb spillage with suitable absorbent material. Sweep up and place into an appropriate container. For waste disposal, see section 13.

6.4. Reference to other sections

Other instructions	Cf. section 8 for personal protection, and section 13 for waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Observe good chemical hygiene practices. Avoid contact with eyes and prolonged skin contact. Avoid eating, drinking and smoking when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store at moderate temperatures in dry, well ventilated area.

Conditions for safe storage

Requirements for storage rooms and vessels	Storage in gateways, passages, stairways, hallways open to public, roofs, attics, cellars and workrooms is not advisable.
Advice on storage compatability	No incompatibilities known.

7.3. Specific end use(s)

Recommendations	Cf. section 1.2

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Isopropanol (US)	CAS No.: 67-63-0	Limit value (8 h) : 980 mg/m³ **Exposure limit letter** Letter code: REL / long-termed **Exposure limit letter** Letter description: Recommended Exposure Limit / 8 hours (shift length) Source: Recommendations for Occupational Safety and Health – Compendium of Policy Documents and	

	Statements. National Institute for Safety & Health (NIOSH) / USA **Limit value (short term)** Value: 1225 mg/m³ **Exposure limit letter** Letter code: REL / short-termed **Exposure limit letter** Letter description: Recommended Exposure Limit / 15 minutes Source: Recommendations for Occupational Safety and Health – Compendium of Policy Documents and Statements. National Institute for Safety & Health (NIOSH) / USA
Biological limit value	Recommended monitoring procedures: DFG Air Analysis: Method No. 3 Solvent mixtures. MTA/MA-016/A89: Determination of alcohols (isopropyl alcohol, isobutyl alcohol, n-butyl alcohol) in air. MétroPol Fiche 077: alcool en C3 á C8.

8.2. Exposure controls

Precautionary measures to prevent exposure

Organisational measures to prevent exposure	Thoroughly clean hands, forearms, and face after handling of the product, before eating, drinking and lavatory use, and at the end of the work shift.
Technical measures to prevent exposure	Use engineering controls to reduce air contamination to permissible exposure level.

Eye / face protection

Eye protection	Wear approved, tight fitting safety glasses where splashing is probable.

Hand protection

Hand protection	For prolonged or repeated skin contact use suitable protective gloves.
Suitable materials	Gloves of nitrile rubber, PVA or Viton are recommended.
Unsuitable materials	Leather or textile.
Breakthrough time	Value: >480 min
Thickness of glove material	Value: 0,4 mm
Reference to relevant standard	On basis of test data.

Skin protection

Skin protection (except hands)	Generally regular work clothing sufficient.

Respiratory protection

Respiratory protection	Under normal conditions of use respiratory protection should not be required. In case of inadequate ventilation or when the product is heated, use suitable respiratory equipment with gas filter (type A2).

Hygiene / environmental

Specific hygiene measures	No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid. Non-viscous.
Colour	Clear.
Odour	Fresh.
pH	Status: In delivery state Comments: No data recorded. Status: In aqueous solution Value: 6,5 – 8,5
Boiling point / boiling range	Value: 212 °F
Flash point	Comments: No data recorded.
Evaporation rate	Comments: No data recorded.
Flammability	No data recorded.
Vapour pressure	Comments: No data recorded.
Vapour density	Comments: No data recorded.
Density	Value: 1 g/cm3
Solubility in water	Unlimited miscible
Decomposition temperature	Comments: No data recorded.
Viscosity	Value: 5 – 10 centipoise Comments: No data recorded.
Explosive properties	Not explosive
Oxidising properties	Not oxidizing

9.2. Other information

Softening point	Comments: No data available

Physical hazards

Content of VOC	Value: < 0,1

Particle size	Comments: Technically not feasible.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable in normal conditions.

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions under regular storage and handlings conditions known.

10.4. Conditions to avoid

Conditions to avoid	Heating.

10.5. Incompatible materials

Materials to avoid	Strong acids. Strong oxidising substances.

10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Carbon monoxide (CO). Carbon dioxide (CO2). Sulphurous gases (SOx). Organic decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Isopropanol (US)
Acute toxicity	**Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Oral **Value:** 4710 mg/kg **Animal test species:** rat **Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Dermal **Value:** 12870 mg/kg **Animal test species:** rabbit **Type of toxicity:** Acute **Effect tested:** LC50 **Route of exposure:** Inhalation. **Duration:** 4h **Value:** 72,6 mg/l **Animal test species:** rat

Substance	Non-ionic surfactants (US)
Acute toxicity	**Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Oral **Value:** 3730 mg/kg **Animal test species:** rat **Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Dermal **Value:** > 11200 mg/kg **Animal test species:** rabbit
Substance	Fragrance mixture (US)
Acute toxicity	**Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Oral **Value:** 40600 mg/kg **Animal test species:** rat
Other toxicological data	No data recorded. ATE (Oral): >5000 mg/kg (calculated)

Other information regarding health hazards

Inhalation	Aerosols irritate the respiratory system, and may cause coughing and difficulties in breathing.
Skin contact	No specific health warnings noted. Not Irritating.
Eye contact	Spray and vapour in the eyes may cause irritation and smarting.
Ingestion	No specific health warnings noted.
Substance	Isopropanol (US)
Skin corrosion / irritation test result	**Toxicity type:** Skin irritation **Species:** multiple animal species **Evaluation result:** not significantly skin irritatating **Toxicity type:** Eye irritation **Species:** rabbit **Evaluation result:** severely eye irritating **Toxicity type:** Skin sensitivity **Species:** guinea pig **Evaluation result:** not skin sensitizing **Toxicity type:** Respiratory sensitivity **Evaluation result:** Data are currently not available or the data are not sufficient for classification. **Toxicity type:** In vitro mutagenicity **Evaluation result:** not mutagenic **Toxicity type:** In vivo mutagenicity **Evaluation result:** not mutagenic
Substance	Non-ionic surfactants (US)

Skin corrosion / irritation test result	**Toxicity type:** Respiratory sensitivity **Evaluation result:** Data are currently not available or the data are not sufficient for classification.
Substance	Fragrance mixture (US)
Skin corrosion / irritation test result	**Toxicity type:** Respiratory sensitivity **Evaluation result:** Data are currently not available or the data are not sufficient for classification.
Sensitisation	No specific health warnings noted.
Mutagenicity	No specific health warnings noted.
Substance	Isopropanol (US)
Carcinogenicity	**Toxicity type:** Carcinogenicity **Route of exposure:** Inhalation. **Species:** rat **Evaluation result:** Some positive data exist, but the data are not sufficient for classification.
Carcinogenicity, other information	No specific health warnings noted.
Substance	Isopropanol (US)
Reproductive toxicity	**Toxicity type:** Reproductive / developmental toxicity **Route of exposure:** Oral **Species:** rat **Result:** 400 mg/kg **Evaluation result:** Exposure during organogenesis: NOAEL **Comments:** Some positive developmental data exist, but the data are not sufficient for classification. **Toxicity type:** Reproductive / developmental toxicity **Route of exposure:** Inhalation. **Species:** rat **Result:** 9 mg/kg **Evaluation result:** Exposure during gestation: LOAEL **Comments:** Some positive developmental data exist, but the data are not sufficient for classification.
Teratogenic properties	No specific health warnings noted.
Reproductive toxicity	No specific health warnings noted.
Substance	Isopropanol (US)
Specific target organ toxicity - single exposure, test results	**Toxicity type:** Acute **Route of exposure:** Inhalation. **Species:** human **Specific effect:** May cause drowsiness or dizziness **Organ affected:** nervous system **Evaluation result:** NOAEL: not available **Toxicity type:** Acute **Route of exposure:** Inhalation. **Species:** human **Specific effect:** respiratory irritation **Organ affected:** respiratory tract **Evaluation result:** NOAEL: not available

	Comments: Some positive data exist, but the data are not sufficient for classification. **Toxicity type:** Acute **Route of exposure:** Inhalation. **Exposure time:** 24 h **Species:** guinea pig **Specific effect:** auditory system disorders **Organ affected:** auditory sysrem **Result:** 13,4 **Evaluation result:** NOAEL **Comments:** Some positive data exist, but the data are not sufficient for classification. **Toxicity type:** Chronic **Route of exposure:** Inhalation. **Test duration:** 24 month **Species:** rat **Specific effect:** disorders **Organ affected:** kidney an/or bladder **Evaluation result:** Some positive positive data exist, but the data are not sufficient for classification- **Toxicity type:** Subchronic **Route of exposure:** Inhalation. **Exposure time:** 12 week **Species:** rat **Specific effect:** disorders **Organ affected:** nervous system **Evaluation result:** Some positive data exist, but the data are not sufficient for classification. **Toxicity type:** Subchronic **Route of exposure:** Oral **Test duration:** 12 week **Species:** rat **Specific effect:** disorders **Organ affected:** kidney and/or bladder **Evaluation result:** Some positive data exist, but the data are not sufficient for classification. **Toxicity type:** Aspiration **Route of exposure:** Oral **Evaluation result:** Data are currently not available or the data are not sufficient for classification.
Substance	Non-ionic surfactants (US)
Specific target organ toxicity - single exposure, test results	**Toxicity type:** Aspiration **Route of exposure:** Oral **Evaluation result:** Data are currently not available or the data are not sufficient for classification.
Substance	Fragrance mixture (US)

Specific target organ toxicity - single exposure, test results	**Toxicity type:** Aspiration **Route of exposure:** Oral **Evaluation result:** Data are currently not available or the data are not sufficient for classification.
STOT-single exposure	No data available, probably no subchronic toxicity
STOT-repeated exposure	No data available, probably no chronic toxicity
Aspiration hazard	No data recorded.

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability, comments	All organic components are considered biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential	The product is not bioaccumulating.

12.4. Mobility in soil

Mobility	No data on possible environmental effects have been found.

12.5. Results of PBT and vPvB assessment

PBT assessment results	This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

12.7. Other adverse effects

Ozone depletion potential	Comments: Ozone depletion potential not known
Photochemical ozone creation potential	Comments: Ozone formation potential not known
Global warming potential	Comments: Global greenhouse effect not known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Appropriate methods of disposal for the contaminated packaging	Do not reuse container.
Relevant waste regulation	USA: Federal waste regulation: 40 CFR 261 Canada: Canadian Environmental Protection Act (CEPA 1999; s.s..1999, c.33) Part 7 Controlling Pollution and Managing Wastes.

	Mexico: Regulation of the General Law of Ecological Balance and Environmental Protection in Hazardous Waste.
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	Yes
Other information	This product contains one or more substances that are listed with the State of California as a hazardous waste. Chemical Name: Isopropanol / CAS: 67-63-0 – California Hazardous Waste Status: Toxic, Ignitable

SECTION 14: Transport information

14.1. UN number

Comments	No recommendation given.

14.2. UN proper shipping name

Comments	No recommendation given.

14.3. Transport hazard class(es)

Comments	No recommendation given.

14.4. Packing group

Comments	No recommendation given.

14.5. Environmental hazards

Comments	No recommendation given.

14.6. Special precautions for user

Special safety precautions for user	No recommendation given.

14.7. Maritime transport in bulk according to IMO instruments

Product name	No recommendation given.

Additional information

Additional information	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

ADR/RID Other information

ADR Other information	No recommendation given.

ADN Other information

Other information	No recommendation given.

IMDG Other information

IMDG Other information	No recommendation given.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

References (laws/regulations)

International Inventories

USA: All compounds are listed on the TSCA Inventory
Canada: All components are listed either on the DSL or NDSL.

Regulations of the United States of America:

29 CFR 1910.1200, Subpart Z (Toxic and Hazardous Substances), App. A (Health Hazards), App B (Physical Criteria), App C (Allocation of Label Elements), App D (Minimum Information for a SDS), App E (Trade Secret), App F (Carcinogenicity).

US Federal Regulations:

SARA 313:
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories:
Acute Health Hazard Yes
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
Reactive Hazard No

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)

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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65:
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations:
This product does not contain any substances regulated by state right-to-know regulations.

Regulations of Canada:

Workplace Hazardous Materials Information System (WHMIS 2015), adoption to the Globally Harmonized System (GHS).
Hazardous Products Act (R.S.C., 1985, c.H-3), last amended Feb 11, 2015.
Hazardous Products Regulation (SOR / 2015-17), last amended Feb 11, 2015.

Regulations of Mexico:

Official Mexican Standard NMX-R-019-SCFI-2011, harmonized system of classification and hazard communication of chemicals [Globally Harmonized System (GHS)] (DOF, 29-VI-2011).
Official Mexican Standard NOM-018-STPS-2000, system for the identification and communication of hazards and risks from hazardous chemicals in the workplace (DOF. 27-X-2000).

15.2. Chemical safety assessment

Chemical safety assessment performed	No
Chemical safety assessment	No data recorded.
Exposure scenarios for mixture	No
Exposure scenario comments	No recommendation given.

SECTION 16: Other information

Supplier's notes	The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
List of relevant H-phrases (Section 2 and 3)	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H335 May cause respiratory irritation.
Training advice	Not relevant.
Recommended restrictions on use	Not relevant.
User notes	In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material, as far as not expressly stated otherwise.
Version	1