

SAFETY DATA SHEET



Professional Glass Cleaner (Stingray The Ultimate Indoor Cleaning Tool) UE (US-CA-MX /

EN)

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

company/undertaking

Date issued 30.08.2015

1.1. Product identifier

Product name Professional Glass Cleaner (Stingray The Ultimate Indoor Cleaning Tool) UE

(US-CA-MX / EN)

Article no. SRL02 / SRKT2 / SRKT5 / SRKT6

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

Function Detergent
Product group Cleaning agents

Use of the substance/preparation Glass Cleaner - Non-Aerosol

Uses advised against
No specific uses advised against are identified.

The chemical can be used by the Yes

general public

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

 Tel
 +1 800 431 2324

 Fax
 +1 800 367 1988

E-mail 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 substance or mixture

GHS Classification, Comments Not classified as hazardous according to OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

2.2. Label elements

/ EN)

Isopropanol:< 1 % wt/wt, Alcohols, C9-11 ethoxylated:< 1 % wt/wt, Sodium Composition on the label

lauryl sulfate:< 1 % wt/wt, Non-ionic surfactants:< 1 % wt/wt, Fragrance

mixture:< 0.01 % wt/wt

P101 If medical advice is needed, have product container or label at hand. Precautionary statements

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

Physico-chemical 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 required.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Isopropanol (US)	CAS no.: 67-63-0 Synonyms: Isopropyl alcohol IUPAC name: Propan-2-ol	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE3; H335	< 1 % wt/wt
Alcohols, C9-11 ethoxylated (US)	CAS no.: 68439-46-3 Synonyms: Alcohols, ethoxylated IUPAC name: Alcohols, C9-11 ethoxylated, < 2.5 EO	Eye Dam. 1; H318	< 1 % wt/wt
Sodium lauryl sulfate (US)	CAS no.: 151-21-3 Synonyms: Sodium lauryl sulfate IUPAC name: Sodium dodecyl sulfate	Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412	< 1 % wt/wt
Non-ionic surfactants (US)	CAS no.: Trade secret** Synonyms: NJTSRN: 04499600- 6633*		< 1 % wt/wt
Fragrance mixture (US) Description of the mixture	CAS no.: Trade secret** < 0,01 % wt/wt Aqueous solution of organic substances. Clear. Light blue. Non-viscous. 0% of the mixture consists of ingredients(s) of unknown toxicity. * NJTSRN: New Jersey Trade Secret Registry Number ** 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 can take place. 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.

Hazardous combustion products Cf. section 5

6.1.2. For emergency responders

For emergency responders In case of inadequate ventilation wear respiratory protection. Use personal

protective equipment as required.

6.2. Environmental precautions

Environmental precautionary

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

measures

6.3. Methods and material for containment and cleaning up

Cleaning method Absorb spillage with suitable absorbent material. Sweepup or pickup with an

industrial vacuum cleaner, store in closed container for disposal.

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

Occupational Exposure limit values

Substance	Identification	Value	TWA Year
Isopropanol	CAS no.: 67-63-0 Synonyms: Isopropyl alcohol	8-hour TWA: 980 mg/m³ REL / long-termed Recommended Exposure Limit / 8 hours (shift length) Recommendations for Occupational Safety and Health - Compendium of Policy Documents and Statements. National Institute for Safety & Health (NIOSH) / USA 15 min.: 1225 mg/m³ REL / short-termed Recommended Exposure Limit / 15 minutes Recommendations for Occupational Safety and Health - Compendium of Policy Documents and Statements. National Institute for Safety & Health (NIOSH) / USA	

DNEL / PNEC

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

Organizational measures to prevent

exposure

Technical 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.

Use engineering controls to reduce air contamination to permissible exposure

level.

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).

Hand protection

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Reference to relevant standard On basis of test data.

Suitable materials Gloves of nitrile rubber, PVA or Viton are recommended.

Unsuitable materials Leather or textile.

Breakthrough time >480 min
Thickness of glove material 0,4 mm

Eye / face protection

Eye protection

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

Skin protection

Skin protection (except hands)

Generally regular work clothing sufficient.

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. Light blue. Odour Apple scent. Comments, pH (as supplied) No data recorded. Value: 6,5-8,5 pH (aqueous solution) Value: 212 °F Boiling point / boiling range Comments, Flash point No data recorded. No data recorded. Comments, Evaporation rate Flammability (solid, gas) No data recorded. Comments, Vapour pressure No data recorded. Comments, Vapour density No data recorded. Density Value: 1 g/cm3 Solubility in water Unlimited miscible No data recorded. Comments, Decomposition

temperature

Viscosity Value: 5-10 centipoise
Comments, Viscosity No data recorded.
Explosive properties Not explosive
Oxidising properties Not oxidizing

9.2. Other information

Softening point Comments: No data available

Content Of Voc Value: < 0,1

Physical hazards

Comments, Particle size 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

Toxicological Information:

Other toxicological data No data recorded. ATE (Oral): >5000 mg/kg (calculated)

Toxicological data for substances

Substance Isopropanol (US)
LD50 oral Value: 4710 mg/kg

Animal test species: rat

LD50 dermal Value: 12870 mg/kg

Animal test species: rabbit

LC50 inhalation Value: 72,6 mg/l

Animal test species: rat

Duration: 4h

Toxicity type: Skin irritation

Species: multiple animal species

Result evaluation: not significantly skin irritatating

Toxicity type: Eye irritation

Species: rabbit

Result evaluation: severely eye irritating

Toxicity type: Skin sensitivity

Species: guinea pig

Result evaluation: not skin sensitizing

Toxicity type: Respiratory sensitivity

Result evaluation: Data are currently not available or the data are not sufficient

for classification.

Toxicity type: In vitro mutagenicity

Result evaluation: not mutagenic Toxicity type: In vivo mutagenicity Result evaluation: not mutagenic

Carcinogenicity Toxicity type: Carcinogenicity

Route of exposure: Inhalation.

Species: rat

Result evaluation: Some positive data exist, but the data are not sufficient for

classification.

Reproductive toxicity Toxicity type: Reproductive / developmental toxicity

Route of exposure: Oral

Species: rat Result: 400 mg/kg

Result evaluation: Exposure during organogenesis: NOAEL

Comments: Some positive developmental data exist, but the data are not

sufficient for classification.

Reproductive toxicity Toxicity type: Reproductive / developmental toxicity

Route of exposure: Inhalation.

Species: rat Result: 9 mg/kg

Result evaluation: Exposure during gestation: LOAEL

Comments: Some positive developmental data exist, but the data are not

sufficient for classification.

Specific target organ SE test results

Toxicity type: Acute

Route of exposure: Inhalation.

Species: human

Specific effect: May cause drowsiness or dizziness

Organ affected: nervous system

Result evaluation: NOAEL: not available

Route of exposure: Inhalation.

Species: human

Specific effect: respiratory irritation
Organ affected: respiratory tract
Result evaluation: NOAEL: not available

Comments: Some positive data exist, but the data are not sufficient for

classification.

Specific target organ SE test results

Toxicity type: Acute

Route of exposure: Inhalation. Respiratory or skin sensitisation: 24 h

Species: guinea pig

Specific effect: auditory system disorders

Organ affected: auditory sysrem

Result: 13,4

Result evaluation: NOAEL

Comments: Some positive data exist, but the data are not sufficient for

classification.

Specific target organ SE test results
Toxicity type: Chronic

Route of exposure: Inhalation. Test duration: 24 month

Species: rat

Specific effect: disorders

Organ affected: kidney an/or bladder

Result evaluation: Some positive positive data exist, but the data are not

sufficient for classification-

Specific target organ SE test results

Toxicity type: Subchronic

Route of exposure: Inhalation.

Respiratory or skin sensitisation: 12 week

Species: rat

Specific effect: disorders Organ affected: nervous system

Result evaluation: Some positive data exist, but the data are not sufficient for

classification.

Route of exposure: Oral Test duration: 12 week

Species: rat

Specific effect: disorders

Organ affected: kidney and/or bladder

Result evaluation: Some positive data exist, but the data are not sufficient for

classification.

Specific target organ SE test results

Toxicity type: Aspiration

Route of exposure: Oral

Result evaluation: Data are currently not available or the data are not sufficient

for classification.

Substance Alcohols, C9-11 ethoxylated (US)

LD50 oral Value: 1378 mg/kg

Animal test species: rat

LD50 dermal Value: > 2000 mg/kg

Animal test species: rabbit

Toxicity type: Skin irritation

Species: rabbit

Result evaluation: skin irritiating

Toxicity type: Eye damage

Result evaluation: professional judgement: eye damaging

Toxicity type: Skin sensitivity

Toxicity type:

Species: guinea pig

Result evaluation: not skin sensitizing

Toxicity type: Respiratory sensitivity

Result evaluation: Data are currently not available or the data are not sufficient

for classification.

In vitro mutagenicity

Result evaluation: not mutagenic

Reproductive toxicity Toxicity type: Reproductive / developmental toxicity

Route of exposure: Dermal Test duration: 2 gener.

Species: rat Result: 250 mg/kg

Result evaluation: Two-generation study: not toxic to female reproduction:

NOAEL

Reproductive toxicity Toxicity type: Reproductive / developmental toxicity

Route of exposure: Dermal Test duration: 2 gener.

Species: rat Result: 250 mg/kg

Result evaluation: Two-generation study: not toxic to development: NOAEL

Reproductive toxicity Toxicity type: Reproductive / developmental toxicity

Route of exposure: Dermal Test duration: 2 gener.

Species: rat Result: 100 mg/kg

Result evaluation: Two-generation study: some positive male reproductive data

exist, but the data are not sufficient for classification: NOAEL

Specific target organ SE test results Te

Toxicity type: Acute

Route of exposure: Inhalation.

Species: not available

Specific effect: respiratory irritation Organ affected: respiratory tract

Result evaluation: Some positive data exist, but the data are not sufficient for

classification: NOAEL not available

Specific target organ SE test results

Toxicity type: Subchronic Route of exposure: Dermal Test duration: 13 week

Species: rat

Specific effect: disorders

Organ affected: kidney and/or bladder

Result: 125 mg/kg

Result evaluation: Some positive data exist, but the data are not sufficient for

classification: NOAEL

Specific target organ SE test results

Toxicity type: Subchronic Route of exposure: Dermal Test duration: 13 week

Species: rat

Specific effect: disorders

Organ affected: hematopoietic system

Result: 125 mg/kg

Result evaluation: All data are negative: NOAEL

Specific target organ SE test results

Toxicity type: Aspiration

Route of exposure: Oral Result evaluation: Data are currently not available or the data are not sufficient

for classification.

/ EN)

Substance Sodium lauryl sulfate (US) LD50 oral

Value: 1650 mg/kg

Animal test species: rat

Value: 580 mg/kg LD50 dermal

Animal test species: rabbit

LC50 inhalation Value: > 0,975 mg/l

> Animal test species: not available Comments: Inhalation of dust/mist

Toxicity type: Skin irritation

Species: rabbit

Result evaluation: skin irritating

Toxicity type: Eye damage

Species: rabbit

Result evaluation: eye damaging

Toxicity type: Respiratory sensitivity

Result evaluation: Data are currently not available or the data are not sufficient

for classification.

Specific target organ SE test results Toxicity type: Acute

Route of exposure: Inhalation.

Species: not available

Specific effect: respiratory irritation Organ affected: respiratory tract

Result evaluation: May cause respiratory irritaion: NOAEL not available

Specific target organ SE test results

Toxicity type: Aspiration Route of exposure: Oral

Result evaluation: Data are currently not available or the data are not sufficient

for classification.

Substance Non-ionic surfactants (US)

LD50 oral Value: 3730 mg/kg

Animal test species: rat

LD50 dermal Value: > 11200 mg/kg

Animal test species: rabbit

Toxicity type: Respiratory sensitivity

Result evaluation: Data are currently not available or the data are not sufficient

for classification.

Specific target organ SE test results

Toxicity type: Aspiration

Route of exposure: Oral

Result evaluation: Data are currently not available or the data are not sufficient

for classification.

Substance Fragrance mixture (US) LD50 oral Value: 40600 mg/kg Animal test species: rat

Respiratory sensitivity

Result evaluation: Data are currently not available or the data are not sufficient

for classification.

Specific target organ SE test results Toxicity type: Aspiration

Route of exposure: Oral

Result evaluation: Data are currently not available or the data are not sufficient

for classification.

Potential acute effects

Toxicity type:

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. MX / EN)

Aspiration hazard No data recorded.

Delayed effects / repeated exposure

Sensitisation No specific health warnings noted.

STOT-single exposure No data available, probably no subchronic toxicity No data available, probably no chronic toxicity STOT-repeated exposure

Carcinogenic, Mutagenic or Reprotoxic

No specific health warnings noted. Carcinogenicity Mutagenicity No specific health warnings noted. Teratogenic properties No specific health warnings noted. Reproductive toxicity No specific health warnings noted.

SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability 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. Other adverse effects

Comments, Ozone depletion

Ozone depletion potential not known

potential

Comments, Photochemical ozone

creation

Ozone formation potential not known

Comments Global warming potential Global greenhouse effect not known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of

Dispose of waste and residues in accordance with local authority

disposal

requirements. No specific disposal method required. USA: Federal waste regulation: 40 CFR 261

Relevant waste regulation

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

Yes

waste

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. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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 / ICAO / IATA Other information

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).

H318 Causes Serious eye damage.

H302 Harmful if swallowed.

H412 Harmful to aquatic life with long lasting effects.

H315 Causes skin irritation.

H335 May cause respiratory irritation. H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Training advice
Recommended restrictions on use

Not relevant. 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.

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