

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 06.05.2015

Version number 4

Revision: 06.05.2015

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

1.1. Product identifier

Trade name: **GLASS-X PRO**

Index number: -

Registration number: -

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

1.3. Details of the supplier of the safety data sheet

XINTEX, spol. s r.o.

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1.4. Emergency telephone number

Toxikologické informační středisko

Na Bojišti 1

128 08 Praha 2

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tel. +420 224 919 293 (24 hours/day, 7 days/week)

(224 914 575, 224 915 402)

2 SECTION 3: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xi; Irritant

R41-38: Risk of serious damage to eyes. Irritating to skin.



F; Highly flammable

R11: Highly flammable.

R67: Vapours may cause drowsiness and dizziness.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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2.2. Label elements**· Labelling according to Regulation (EC) No 1272/2008***The product is classified and labelled according to the CLP regulation.***· Hazard pictograms**

GHS02 GHS05 GHS07

· Signal word *Danger***· Hazard-determining components of labelling:***Sodium dodecylbenzenesulphonate**Propan-2-ol***· Hazard statements***H225 Highly flammable liquid and vapour.**H315 Causes skin irritation.**H318 Causes serious eye damage.**H336 May cause drowsiness or dizziness.***· Precautionary statements***P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**P261 Avoid breathing dust/fume/gas/mist/vapours/spray.**P243 Take precautionary measures against static discharge.**P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.**P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**P405 Store locked up.**P501 Dispose of contents/container in accordance with local/regional/national/international regulations.***· 2.3. Other hazards****· Results of PBT and vPvB assessment****· PBT:** No PBT.**· vPvB:** No vPvB.

3 SECTION 3: Composition/information on ingredients

· Chemical characterization: 3.2. Mixtures**· Description:** Mixture of substances listed below with nonhazardous additions.**· Dangerous components:**

CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 RTECS: NT 8050000 Reg.nr.: 01-2119457558-25-	Propan-2-ol ⚠ Xi R36; ⚠ F R11 R67 ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	25-50%
CAS: 25155-30-0 EINECS: 246-680-4	Sodium dodecylbenzenesulphonate ⚠ Xn R22; ⚠ Xi R37/38-41 ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335	10-<25%
CAS: 1336-21-6 EINECS: 215-647-6 Index number: 007-001-01-2 Reg.nr.: 01-2119488876-14-	Ammonia solution 25% ⚠ C R34; ⚠ N R50 ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400; ⚠ STOT SE 3, H335	=<2,5%

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· **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 SECTION 4: First aid measures

· 4.1. Description of first aid measures

Immediately remove any clothing soiled by the product.

When symptoms occur or in case of doubt, seek medical advice.

Resuscitation should be provided in life-threatening conditions as follows:

If not breathing – artificial respiration must be initiated immediately, using mouth-to-mouth resuscitation;

Cardiac arrest – indirect heart massage must be initiated immediately;

Unconsciousness – the victim must be placed in a stabilized position.

If vomiting occurs, keep the victim's head below the hips to avoid the aspiration of vomit into the lungs.

· **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water.

Seek medical treatment.

· **After swallowing:**

Do not induce vomiting; call for medical help immediately.

Provided the patient is conscious:

Rinse out mouth and then drink plenty of water.

· **Information for doctor:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

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

Causes eye irritation.

Coughing

Breathing difficulty

Headache

Nausea

Drowsiness

Dizziness

Unconsciousness

Respiratory paralysis

Coma.

· **Hazards**

Aspiration may cause pulmonary edema and pneumonia.

Damage of:

Liver

Kidneys

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

If swallowed or in case of vomiting, danger of entering the lungs.

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5 SECTION 5: Firefighting measures

· **5.1. Extinguishing media** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· 5.2. Special hazards arising from the substance or mixture

Highly flammable liquid and vapor.

Vapours may form explosive mixtures with air.

Vapours are heavier than air and may spread along floors.

Pay attention to flashback.

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*Ambient fire may liberate hazardous vapors.**Carbon monoxide (CO)**Sulphur oxides (SO₂, SO₃).***· 5.3. Advice for firefighters***Wear self-contained respiratory protective device.**Wear fully protective suit.***· Additional information** *Cool endangered receptacles with water spray.***6 SECTION 6: Accidental release measures****· 6.1. Personal precautions, protective equipment and emergency procedures***Wear protective equipment. Keep unprotected persons away.**Ensure adequate ventilation**Keep away from ignition sources.**Do not breathe vapours, aerosols.**Use respiratory protective device against the effects of fumes/dust/aerosol.***· 6.2. Environmental precautions***Do not allow to enter sewers/ surface or ground water.**Inform respective authorities in case of seepage into water course or sewage system.**Dilute with plenty of water.***· 6.3. Methods and material for containment and cleaning up***Stop leak if you can do so without risk.**Cover drainage holes.**Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).**Pick up mechanically.**Collect in properly labeled containers.**In a closed container transfer to the designated location for disposal.**Dispose contaminated material as waste according to item 13.**Ensure adequate ventilation.**Remove all sources of ignition.***· 6.4. 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 SECTION 7: Handling and storage****· 7.1. Precautions for safe handling***Ensure good ventilation/exhaustion at the workplace.**Prevent formation of aerosols.***· Information about fire - and explosion protection:***Keep ignition sources away - Do not smoke.**Protect from heat.**Protect against electrostatic charges.**Danger of explosion if fluid enters the sewage system.***· 7.2. Storage:****· Requirements to be met by storerooms and receptacles:** *Store in a cool location.***· Information about storage in one common storage facility:** *Store away from foodstuffs.***· Further information about storage conditions:***Keep container tightly sealed.**Store in cool, dry conditions in well sealed receptacles.***· 7.3. Specific end use(s) -**

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8 SECTION 8: Exposure controls/personal protection

· 8.1. Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs** No data available.

· **PNECs** No data available.

· **Additional information:** The SDS is legally based on documents effective at the release thereof.

· 8.2. Exposure controls

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Store protective clothing separately.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Do not eat, drink, smoke or sniff while working.

Set up eyewash and safety showers are close to the workstation.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

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

Follow conditions of handling and storage.

Areas provide against leakage into waterways, soil and drainage.

9 SECTION 9: Physical and chemical properties

· 9.1. Information on basic physical and chemical properties

· **Appearance:**

Form:

Fluid

Colour:

Blue

· **Odour:**

Product specific

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· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 82 °C
· Flash point:	21 °C
· Decomposition temperature:	Not determined.
· Self-igniting:	Autoignition temperature: 425 °C
· Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
· Explosion limits: Lower: Upper: · Vapour pressure at 20 °C: · Density: · Relative gas density · Evaporation rate · Solubility in / Miscibility with water: · Partition coefficient (n-octanol/water): · Viscosity: Dynamic: Oxidising properties:	2,0 Vol % 12,0 Vol % 42 hPa Not determined. heavier than air Not determined. Fully miscible. Not determined. Not determined. Fully miscible. Not determined. Not determined. None
· Solvent content: Organic solvents: Water: Solids content: · 9.2. Other information	0,0 % 44,0 % 60,0 % No further relevant information available.

10 SECTION 10: Stability and reactivity

- **10.1. Reactivity** Under normal conditions stable.
- **10.2. Chemical stability** No decomposition if used according to specifications.
- **10.3. Possibility of hazardous reactions** Forms explosive gas mixture with air.
- **10.4. Conditions to avoid**
Strong heating.
Remove ignition sources (open flame, sparks)
- **10.5. Incompatible materials** substances incompatible with water
- **10.6. Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Sulphur oxides (SOx)

11 SECTION 11: Toxicological information

- **11.1. Information on toxicological effects**

· a) Acute toxicity
25155-30-0 Sodium dodecylbenzenesulphonate
Oral LD50 438 mg/kg (rat)

- **b) Skin corrosion/irritation** Irritant to skin and mucous membranes.
- **c) Serious eye damage/irritation** Strong irritant with the danger of severe eye injury.
- **d) Respiratory or skin sensitization** No sensitizing effects known.

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- **e) Germ cell mutagenicity** Based on the available data does not meet the criteria for classification.
- **f) Carcinogenicity** Based on available data the criteria for classification are not met.
- **g) Reproductive toxicity** Based on the available data does not meet the criteria for classification.
- **h) STOT- single exposure** May cause drowsiness or dizziness.
- **i) STOT- repeated exposure** The substance is not classified as specific target organ toxicant, repeated exposure.
- **j) Aspiration hazard** May cause drowsiness or dizziness.
- **11.2. Potential acute health effects**
 - After swallowing:**
 - During ingestion or vomiting may cause aspiration into the lungs.
 - After eye contact:** Causes eye irritation.
 - After skin contact:**
 - Causes skin irritation.
 - Degreases the skin.
 - After inhalation:** May cause drowsiness or dizziness.

12 SECTION 12: Ecological information

· 12.1. Toxicity

· **Aquatic toxicity:**

25155-30-0 Sodium dodecylbenzenesulphonate	
LC50/96 h	10,8 mg/l (fish)

- **12.2. Persistence and degradability** Easily biodegradable
- **12.3. Bioaccumulative potential** Bioaccumulation is unlikely.
- **12.4. Mobility in soil** Soluble in water.
- **General notes:**
 - Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
 - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5. Results of PBT and vPvB assessment** Does not meet the criteria for inclusion.
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6. Other adverse effects** No further relevant information available.

13 SECTION 13: Disposal considerations

· 13.1. Waste treatment methods

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
 Prevent waste formation or provide waste reduction to minimum if possible.
 Disposal operations within accordance with local and national regulations.
 Burning in the dangerous waste incinerator.

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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14 SECTION 14: Transport information

· 14.1. UN-Number

· ADR, IMDG, IATA	UN1993
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· 14.2. UN proper shipping name

· ADR	1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL), Sodium dodecylbenzenesulphonate, pure)
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· IMDG, IATA	FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL))
· 14.3 Transport hazard class(es)	
· ADR, IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	II
· 14.5. Environmental hazards	None.
· Marine pollutant:	No
· 14.6. Special precautions for user	Warning: Flammable liquids.
· Danger code (Kemler):	33
· EMS Number:	F-E, S-E
· 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	1L
· Transport category	2
· Tunnel restriction code	D/E
· UN "Model Regulation":	UN1992, FLAMMABLE LIQUID, TOXIC, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL), Sodium dodecylbenzenesulphonate, pure), 3 (6.1), II

* **15 SECTION 15: Regulatory information**

- **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.
- **15.2. Chemical safety assessment** A Chemical Safety Assessment has not been carried out.

* **16 SECTION 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.

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- R11 Highly flammable.

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- R22 Harmful if swallowed.
R34 Causes burns.
R36 Irritating to eyes.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.
R67 Vapours may cause drowsiness and dizziness.

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organization
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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