

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 04.07.2016

Version number 1

Revision: 06.11.2018

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

1.1 Product identifier

Trade name: Invisible Glass®

Product Code(s): 92166.

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

Application of the substance / the preparation: Glass cleaner.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Stoner Incorporated
1070 Robert Fulton Hwy.
Quarryville, PA 17566
United States
Tel: +1-800-227-5538

Further information obtainable from:

REACH Only Representative
B-Lands Consulting
WTC, 5 Place Robert Schuman, BP 1516
38025 Grenoble, FRANCE
Tel: +33 476 295 869
Fax: +33 476 295 870
Email: europa@reach-compliance.eu
Web: www.reachteam.eu

1.4 Emergency telephone number(s):

CHEMTREC: +1 703-741-5970 (24h)
NHS Direct: 111 (England and Scotland), 0845 46 47 (Wales).
National Poisons Information Service (NPIS): 0344 892 0111 (healthcare professionals only).
Ireland - National Poisons Information Centre: 01 837 9964 or 01 809 2566 (healthcare professionals only).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

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

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

Signal word: Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take precautionary measures against static discharge.
P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.

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P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Hazardous components:**

CAS: 67-64-1	acetone	<2.5%
EINECS: 200-662-2	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	
Index number: 606-001-00-8		

Additional information: For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****After inhalation:** Move patient to fresh air, if symptoms persist consult a doctor.**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:** Rinse opened eye for several minutes under running water.**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**5.2 Special hazards arising from the substance or mixture**

This product contains a component(s) that is considered flammable, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point.

5.3 Advice for firefighters**Protective equipment:**

Wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Keep away from ignition sources.

6.2 Environmental precautions Do not allow to enter sewers/ surface or ground water.**6.3 Methods and material for containment and cleaning up**

Dispose of the material collected according to official regulations.

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.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling Keep away from heat and direct sunlight.

Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Store away from oxidising agents.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

67-64-1 acetone

WEL (Great Britain)	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
IOELV (EU)	Long-term value: 1210 mg/m ³ , 500 ppm

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment

Respiratory protection: Not required under normal conditions of use.

Protection of hands:



Protective gloves.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Eye protection:



Safety glasses with side-shields (EN 166).

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid.
Colour: Colourless.

Odour: Alcohol-like.
Odour threshold: Mild.

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pH-value:	Not determined.
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	Not determined.
Flash point:	19 °C
Flammability (solid, gaseous):	Not determined.
Ignition temperature:	465 °C
Decomposition temperature:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	2.1 Vol %
Upper:	13 Vol %
Oxidising properties	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined.
Relative density	0.98
Vapour density	1.15 (air=1)
Evaporation rate	0.5-2 (n-Butyl acetate = 1)
Solubility in / Miscibility with	
Water:	Not determined.
Partition coefficient (n-octanol/water):	0.2
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
VOC (EC)	1-20
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No data available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid

Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces.

10.5 Incompatible materials

Acids. Strong oxidizing agents. Acetaldehyde. Chlorine. Ethylene oxide. Isocyanates. Strong alkalies.

10.6 Hazardous decomposition products

Burning can produce the following combustion products: Carbon dioxide and carbon monoxide.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD/LC50 values:

67-64-1 acetone

Oral	LD50	5800 mg/kg (Rat)
Dermal	LD50	20000 mg/kg (Rabbit)

Primary irritant effect:

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional environmental information:

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

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation: Wastes should be disposed of in accordance with local regulations.

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

Packaging that may not be cleansed must be disposed of in the same manner as the product.

SECTION 14: Transport information

14.1 UN Number

ADR, IMDG, IATA

UN1993

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Trade name: Invisible Glass®**14.2 UN proper shipping name****ADR**1993 FLAMMABLE LIQUID, N.O.S. (ACETONE,
ISOPROPANOL (ISOPROPYL ALCOHOL))**IMDG, IATA**FLAMMABLE LIQUID, N.O.S. (ACETONE,
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**Marine pollutant:**

No

14.6 Special precautions for user**Danger code (Kemler):**

Warning: Flammable liquids.

EMS Number:

33

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****Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

D/E

Tunnel restriction code:**IMDG****Limited quantities (LQ)**

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

15.2 Chemical safety assessment A Chemical Safety Assessment has not been carried out.**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.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Abbreviations and acronyms:

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 Harmonised System of Classification and Labelling of Chemicals

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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)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3