



Safety Data Sheet

GHS HCS 2012

Trade name: Tiny House Glass & Mirror Cleaner

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

- **1.1 Product identifier**
- **Trade name:** Tiny House Glass & Mirror Cleaner
- **Article number:** WK11, 5423315, 2303410
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation** Window Cleaner

Product dilution information: 2 oz. (59.14 mL) per 30 oz. (0.9 L) of water.

- **Manufacturer/Supplier:**
Stearns Packaging Corporation
4200 Sycamore Avenue (53714)
PO Box 3216
Madison, WI 53704-0216
Phone: 800-655-5008
Email: stearns@stearnspkg.com
Website: www.stearnspkg.com
- **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification**• 2.1 Classification of the substance or mixture****• Classification according to HCS 2012****Product as SOLD**

Eye irritant 2B H320 Causes eye irritation.

Flammable liquid 4, H227 Combustible liquid.

• Information concerning particular hazards for human and environment:**• Classification system:**

The classification is according to the latest editions of HCS 2012.

The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature and by information provided by the company.

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• 2.2 Label elements

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Product as SOLD

• Hazard pictograms

None

• Signal word Warning

• Hazard statements

H227 Combustible liquid
H320 Causes eye irritation

• Precautionary statements

P210 Keep away from flames and hot surfaces.-No smoking.
P264 Wash hands thoroughly after handling.
P280 Wear eye protection.
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.
P370+P378 In case of fire: Use water to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents / container in accordance with local regulations.

3 Composition/information on ingredients

• 3.2 Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

• Dangerous components:		
CAS: 56539-66-3	3-Methoxy-3-methyl-1-butanol	20-25%
	Eye irrit. 2B, H320 Causes eye irritation Flamm. liquid, 4, H227 Combustible liquid	
CAS: 5131-66-8	Propylene glycol n-butyl ether	20-25%
	 Skin Irrit. 2, H315; Eye Irrit. 2A, H319 Flamm. liquid, 4, H227 Combustible liquid	
CAS: 67-63-0	Isopropyl alcohol	2-3%
	 Flam. Liq. 2, H225  Eye Irrit. 2A, H319, STOT-SE 3, H335, H336	
CAS: 64-17-5	Ethanol	< 0.5%
	 Flam. Liq. 2, H225  Eye Irrit. 2A, H319	
CAS: 68585-34-2	Sodium laureth sulfate	<3%
	 Skin Irrit. 2, H315; Eye Irrit. 2A, H319	

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

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4 First-aid measures

• 4.1 Description of first aid measures

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• After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical attention.

• After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

• 4.2 Most important symptoms and effects both acute and delayed

Eye irritation

• Hazards

Keep away from flames and hot surfaces.-No smoking.

No further relevant information available.

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

5 Fire-fighting measures

• 5.1 Extinguishing media

• Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

• For safety reasons unsuitable extinguishing agents: None.

• 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

• 5.3 Advice for firefighters

• Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

• Additional information

Cool endangered receptacles with water spray.

Use large quantities of foam as it is partially destroyed by the product.

Eliminate all ignition sources if safe to do so.

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6 Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures

Product as SOLD

Keep away from flames and hot surfaces.-No smoking.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation

• 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

• 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.
Ensure adequate ventilation.

• 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 Handling and storage

• 7.1 Precautions for safe handling

Product as SOLD

Avoid splashes or spray in enclosed areas.

• Information about fire - and explosion protection:

Keep away from flames and hot surfaces.-No smoking.

• 7.2 Conditions for safe storage, including any incompatibilities

• Storage:

• Requirements to be met by storerooms and receptacles:

Store in a well-ventilated place. Keep cool.

• Information about storage in one common storage facility:

Store away from foodstuffs.
Store away from oxidizing agents.

• Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

• 7.3 Specific end use(s)

No further relevant information available.

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8 Exposure controls/personal protection

• **Additional information about design of technical facilities:** No further data; see item 7.

Product as SOLD

• **8.1 Control parameters**

• **Ingredients with limit values that require monitoring at the workplace:**

- **DNELs** No further relevant information available.
- **PNECs** No further relevant information available.
- **Additional information:** The lists valid during the making were used as basis.

• **8.2 Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes.
Avoid close or long term contact with the skin.

• **Respiratory protection:**

Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when aerosol or mist is formed.
NIOSH approved organic vapor respirator equipped with a dust/mist prefilter should be used.

• **Protection of hands:**

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Product as SOLD

• For the permanent contact gloves made of the following materials are suitable:

Butyl rubber, BR
Neoprene gloves

• Eye protection:



Safety glasses

• Body protection:

Not determined

• Limitation and supervision of exposure into the environment

No further relevant information available.

• Risk management measures

See Section 7 for additional information.
No further relevant information available.

9 Physical and chemical properties

Product as SOLD

• 9.1 Information on basic physical and chemical properties

• General Information

• Appearance:

Form: Liquid
Color: Dark blue
• Odor: Faint solvent odor
• Odor threshold: Not determined.

• pH-value at 25 °C: 8.5 ± 0.5 for concentrate

• Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

• Flash point: 154.7° F / 68.2° C.
Product determined not to support sustained combustion.

• Flammability (solid, gaseous): Not applicable.

• Ignition temperature: Undetermined.

• Decomposition temperature: Not determined.

• Self-igniting: Product is not self-igniting.

• Danger of explosion: Product does not present an explosion hazard.

• Explosion limits:

Lower: Undetermined.
Upper: Not determined.

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	Product as SOLD
• Vapor pressure at 20 °C:	23 hPa
• Density at 20 °C:	0.98 g/cm ³
• Relative density	Not determined.
• Vapor density	Not determined.
• Evaporation rate	Not determined.
• Solubility in / Miscibility with water:	Fully miscible.
• Partition coefficient (n-octanol/water):	Not determined.
• Viscosity:	
Dynamic:	100 mPas
Kinematic:	Not determined.
• 9.2 Other information	No further relevant information available.

10 Stability and reactivity

- **10.1 Reactivity** Not determined.
- **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**
Flammable.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
Used empty containers may contain product gases which form explosive mixtures with air.
Can react violently with oxygen rich (oxidizing) material. Danger of Explosion.
Reacts with strong acids.
- **10.4 Conditions to avoid**
Keep ignition sources away - Do not smoke.
Store away from oxidizing agents.
Keep away from heat and direct sunlight.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide

11 Toxicological information

• 11.1 Information on toxicological effects
Product as SOLD
• Acute toxicity: >5,000 mg/kg
• Primary irritant effect:
• on the skin: Slight irritant effect on skin and mucous membranes.
• on the eye: Slight irritant effect on eyes.
• Sensitization: No sensitizing effects known.

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Product as SOLD

• Additional toxicological information:

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

• Acute effects (acute toxicity, irritation and corrosivity):

Not determined.

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 ecological information:

• General notes:

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.

13 Disposal considerations

• 13.1 Waste treatment methods

Product as SOLD

• Recommendation

Smaller quantities can be disposed of with household waste.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

• 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 Transport information

• 14.1 UN-Number	
• DOT, ADR, IMDG, IATA	N/A
• 14.2 proper shipping name	
• DOT- ground	Compound, cleaning, NOI, liquid
• 14.3 Transport hazard class(es)	
• DOT- air (forbidden)	NA 1993, Combustible liquid, n.o.s. (propylene glycol n-butyl ether) Ltd. Qty.
• Class	N/A
• Label	N/A
	N/A
• 14.4 Packing group	
• DOT, ADR, IMDG, IATA	N/A
• 14.5 Environmental hazards:	
• Marine pollutant:	No
• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
• Transport/Additional information:	
• ADR	
• Limited quantities (LQ)	N/A
• Transport category	
• Tunnel restriction code	D/E
• UN "Model Regulation":	Compound, cleaning, NOI, liquid

15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

Product as SOLD

• Section 355 (extremely hazardous substances):

None of the ingredients is listed.

• Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

• TSCA (Toxic Substances Control Act):

All ingredients are listed.

• Proposition 65 (California):

• Chemicals known to cause cancer:

None of the ingredients is listed.

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• Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

• Chemicals known to cause developmental toxicity:

Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

64-17-5

ethanol

• Carcinogenic Categories
• EPA (Environmental Protection Agency)

None of the ingredients is listed.

• TLV (Threshold Limit Value established by ACGIH)

64-17-5

ethanol

A3

• NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

• OSHA-Ca (Occupational Safety & Health Administration)

All ingredients are listed.

• Canada
• Canadian Domestic Substances List (DSL)

All ingredients are listed.

• Canadian Ingredient Disclosure list (limit 0.1%)

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ethanol

• Canadian Ingredient Disclosure list (limit 0.1%)

64-17-5

ethanol

• Canadian Ingredient Disclosure list (limit 1%)

Not applicable.

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

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

H227	Combustible liquid
H315	Causes skin irritation.
H319	Causes serious eye irritation
H320	Causes eye irritation

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SDS File Name: WK11 Tiny House Glass & Mirror Cleaner SDS

NSF Certified:

• 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

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

• Sources

SDS Prepared by:

JBE

Revision: 02/28/2023

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