



Safety Data Sheet

GHS HCS 2012

Trade name: Tiny House Glass & Mirror Cleaner RTU

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

- **1.1 Product identifier**
- **Trade name:** Tiny House Glass & Mirror Cleaner RTU
- **Article number:** WL64, 5423315
- **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

- **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**

Not classified

• Information concerning particular hazards for human and environment:

The mixture does not meet the criteria for classification.

• 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	
Product as SOLD	
• Hazard pictograms	
None	
• Signal word: None	
• Hazard statements	
None	
• Precautionary statements	
Precautionary statements	
General	: Keep out of the reach of children.
Prevention	: Avoid release to the environment. Avoid contact with eyes
Response	: Wash hands after handling.
Storage	: Store away from incompatible materials.
Disposal	: Dispose of waste and residues in accordance with local authority requirements.
Hazards not otherwise classified	: Prolonged or repeated contact may dry skin and cause irritation.
Supplemental information	: Not applicable.

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	1.0-1.5%
	Eye irrit. 2B, H320 Causes eye irritation Flamm. liquid, 4, H227 Combustible liquid	
CAS: 5131-66-8	Propylene glycol n-butyl ether	1.0-1.5%
	 Skin Irrit. 2, H315; Eye Irrit. 2A, H319 Flamm. liquid, 4, H227 Combustible liquid	
CAS: 67-63-0	Isopropyl alcohol	0.1-0.3%
	 Flam. Liq. 2, H225  Eye Irrit. 2A, H319, STOT-SE 3, H335, H336	
CAS: 64-17-5	Ethanol	< 0.05%
	 Flam. Liq. 2, H225  Eye Irrit. 2A, H319	
CAS: 68585-34-2 Flamm. liquid, 4, H227 Combustible liquid	Sodium laureth sulfate	<0.2%
	 Skin Irrit. 2, H315; Eye Irrit. 2A, H319	

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4 First-aid measures

• 4.1 Description of first aid measures

Product as SOLD

• 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:

Get medical attention if symptoms occur.

• 4.2 Most important symptoms and effects both acute and delayed

No known effects.

• Hazards

No known effects.

• 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

Use personal protective equipment as required.

• 6.2 Environmental precautions:

Avoid contact of large amounts of spilled material and run off with soil and surface waterways.

• 6.3 Methods and material for containment and cleaning up:

Large Spills: Flush area with water. Prevent entry into waterways.

Small Spills: Wipe up with absorbent material.

• 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:

No precautions necessary.

• 7.2 Conditions for safe storage, including any incompatibilities

• Storage:

• Requirements to be met by storerooms and receptacles:

No special requirements.

• Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

• Further information about storage conditions:

No storage precautions necessary.

• 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:** None

- **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:**

No protective equipment is needed under normal conditions.

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Product as SOLD

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

No protective equipment is needed under normal conditions.

- **Eye protection:**

No protective equipment is needed under normal conditions.

- **Body protection:**

No protective equipment is needed under normal conditions.

- **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: Light blue

- **Odor:** Faint solvent odor

- **Odor threshold:** Not determined.

- **pH-value at 25 °C:** 7.2 - 8.5

- **Change in condition**

- **Melting point/Melting range:** Undetermined.

- **Boiling point/Boiling range:** Undetermined.

- **Flash point:** >211.8 °F / 100 °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:	Not determined
• Density at 20 °C:	1.00 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:	Not determined
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:	No adverse effects due to skin contact are expected.
• on the eye:	Direct contact with eyes may cause temporary irritation.
• Sensitization:	No sensitizing effects known.

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Product as SOLD

• Additional toxicological information:

Not determined

• 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

<ul style="list-style-type: none"> • 14.1 UN-Number • DOT, ADR, IMDG, IATA 	N/A
<ul style="list-style-type: none"> • 14.2 proper shipping name • DOT 	Compound, cleaning, NOI, liquid
<ul style="list-style-type: none"> • 14.3 Transport hazard class(es) • DOT 	Compound, cleaning, NOI, liquid
<ul style="list-style-type: none"> • Class • Label 	N/A
<ul style="list-style-type: none"> • 14.4 Packing group • DOT, ADR, IMDG, IATA 	N/A
<ul style="list-style-type: none"> • 14.5 Environmental hazards: • Marine pollutant: 	No
<ul style="list-style-type: none"> • 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> • Transport/Additional information: 	
<ul style="list-style-type: none"> • ADR • Limited quantities (LQ) • Transport category 	N/A
<ul style="list-style-type: none"> • Tunnel restriction code 	D/E
<ul style="list-style-type: none"> • 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:	(Contd. from page 9)
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None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for males:
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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
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• Carcinogenic Categories

• EPA (Environmental Protection Agency)
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None of the ingredients is listed.

• IARC (International Agency for Research on Cancer)

64-17-5	ethanol	1
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• TLV (Threshold Limit Value established by ACGIH)

64-17-5	ethanol	A3
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• NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

• OSHA-Ca (Occupational Safety & Health Administration)
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All ingredients are listed.

• Canada

• Canadian Domestic Substances List (DSL)
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All ingredients are listed.

64-17-5	ethanol
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• Canadian Ingredient Disclosure list (limit 0.1%)

64-17-5	ethanol
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• Canadian Ingredient Disclosure list (limit 1%)

	Not applicable.
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- **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

H315	Causes skin irritation.
H319	Causes serious eye irritation.

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SDS File Name: WL64 Tiny House Glass & Mirror Cleaner RTU 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)

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• **Sources**

SDS Prepared by:

JBE

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