

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2017

Reviewed on 05/02/2017

1 Identification

- **Product identifier**
- **Trade name:** Outdoor Furniture Multi Surface Cleaner
- **Application of the substance / the mixture** Surface cleaning
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 Treasure Garden, Inc.
 13401 Brooks Drive
 Baldwin Park, Ca. 91706
 USA
 Tel: 626-814-0168
 E: info@treasuregarden.com
- **Information department:** Product safety department.
- **Emergency telephone number:** Tel: 626-814-0168

2 Hazard(s) identification

- **Classification of the substance or mixture**
 The substance is not classified according to the Globally Harmonized System (GHS).

- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**
 Health = 0
 Fire = 0
 Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**
 Health = 0
 Fire = 0
 Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 34590-94-8	(2-methoxymethylethoxy)propanol	Flam. Liq. 4, H227	2.5-<10%
EINECS: 252-104-2			
Reg.nr.: 01-2119450011-60-0000			

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2017

Reviewed on 05/02/2017

Trade name: Outdoor Furniture Multi Surface Cleaner

(Contd. of page 1)

- **After swallowing:** *If symptoms persist consult doctor.*
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Water
Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** *No further relevant information available.*
- **Advice for firefighters**
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** *Not required.*
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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.
- **Protective Action Criteria for Chemicals**

· PAC-1:

34590-94-8	(2-methoxymethylethoxy)propanol	150 ppm
111-76-2	2-butoxyethanol	60 ppm
67-63-0	Propan-2-ol	400 ppm

· PAC-2:

34590-94-8	(2-methoxymethylethoxy)propanol	1700* ppm
111-76-2	2-butoxyethanol	120 ppm
67-63-0	Propan-2-ol	2000* ppm

· PAC-3:

34590-94-8	(2-methoxymethylethoxy)propanol	9900** ppm
111-76-2	2-butoxyethanol	700 ppm
67-63-0	Propan-2-ol	12000** ppm

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** *Store in cool, dry place in tightly closed receptacles.*
- **Information about protection against explosions and fires:** *No special measures required.*
- **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:** *Not required.*
- **Further information about storage conditions:** *Protect from frost.*

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2017

Reviewed on 05/02/2017

Trade name: Outdoor Furniture Multi Surface Cleaner

(Contd. of page 2)

· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

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

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

34590-94-8 (2-methoxymethylethoxy)propanol

PEL Long-term value: 600 mg/m³, 100 ppm
Skin

REL Short-term value: 900 mg/m³, 150 ppm
Long-term value: 600 mg/m³, 100 ppm
Skin

TLV Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
Skin

· **CAS No. Designation of material % Type Value Unit** Not required.

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:** Not required.

· **Protection of hands:**

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:** Not required.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid

Color: According to product specification

· **Odor:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value at 20 °C:** 6.4

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100 °C

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2017

Reviewed on 05/02/2017

Trade name: Outdoor Furniture Multi Surface Cleaner

(Contd. of page 3)

· Flash point:	<i>Not applicable.</i>
· Flammability (solid, gaseous):	<i>Not applicable.</i>
· Ignition temperature:	<i>270 °C</i>
· Decomposition temperature:	<i>Not determined.</i>
· Auto igniting:	<i>Product is not selfigniting.</i>
· Danger of explosion:	<i>Product does not present an explosion hazard.</i>
· Explosion limits:	
Lower:	<i>Not determined.</i>
Upper:	<i>Not determined.</i>
· Vapour pressure at 20 °C:	<i>23 hPa</i>
· Density at 20 °C:	<i>0.99 g/cm³ (DIN 51757)</i>
· Relative density	<i>Not determined.</i>
· Vapour density	<i>Not determined.</i>
· Evaporation rate	<i>Not determined.</i>
· Solubility in / Miscibility with	
Water:	<i>Fully miscible.</i>
· Partition coefficient (n-octanol/water):	<i>Not determined.</i>
· Viscosity:	
Dynamic:	<i>Not determined.</i>
Kinematic:	<i>Not determined.</i>
· Solvent content:	
Organic solvents:	<i>9.4 %</i>
Water:	<i>90.6 %</i>
VOC content:	<i>9.4 %</i>
· Other information	<i>No further relevant information available.</i>

10 Stability and reactivity

- **Reactivity** *No further relevant information available.*
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Possibility of hazardous reactions** *No dangerous reactions known.*
- **Conditions to avoid** *No further relevant information available.*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:** *No dangerous decomposition products known.*

* 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- on the skin:** *No irritant effect.*
- on the eye:** *No irritating effect.*
- **Sensitization:** *No sensitizing effects known.*
- **Additional toxicological information:**
- The product is not subject to classification according to internally approved calculation methods for preparations:*
- When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.*

(Contd. on page 5)

Safety Data Sheet

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Printing date 05/02/2017

Reviewed on 05/02/2017

Trade name: Outdoor Furniture Multi Surface Cleaner

(Contd. of page 4)

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

111-76-2	2-butoxyethanol	3
67-63-0	Propan-2-ol	3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (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.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:** Smaller quantities can be disposed of with household waste.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· **UN-Number**

· **DOT, ADR, ADN, IMDG, IATA** Void

· **UN proper shipping name**

· **DOT, ADR, ADN, IMDG, IATA** Void

· **Transport hazard class(es)**

· **DOT, ADR, ADN, IMDG, IATA**

· **Class** Void

· **Packing group**

· **DOT, ADR, IMDG, IATA** Void

· **Environmental hazards:**

Not applicable.

(Contd. on page 6)

Safety Data Sheet

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Trade name: Outdoor Furniture Multi Surface Cleaner

(Contd. of page 5)

- | | |
|--|---|
| · Special precautions for user | <i>Not applicable.</i> |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | <i>Not applicable.</i> |
| · Transport/Additional information: | <i>Not dangerous according to the above specifications.</i> |
| · UN "Model Regulation": | <i>Void</i> |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **GHS label elements** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **National regulations:**
- **Water hazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*
- **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.
- **Department issuing SDS:** *Product safety department.*
- **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
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)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flam. Liq. 4: Flammable liquids – Category 4
- *** Data compared to the previous version altered.**

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