"Harmless paints"
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179
Date of issue: 30-8-2017 Revision date: 28-6-2018 Supersedes: 30-8-2017 Version: 2.0

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

1.1. Product identifier
Product form : Mixture
Product name : "Harmless paints"

1.2. Relevant identified uses of the substance or mixture and uses avoided against

1.2.1. Relevant identified uses
Intended for general public
Main use category : Industrial use, Professional use
Use of the substance/mixture : Paint

1.2.2. Uses avoided against
No additional information available

1.3. Details of the supplier of the safety data sheet
Old Holland Classic Colours Since 1664
Nijending 36
3972 KC Drilbergen Fijnsburg - Nederland
T 0031 343 516 242 - F 0031 343 516 342
info@oldholland.com - www.oldholland.com

1.4. Emergency telephone number

<table>
<thead>
<tr>
<th>Country</th>
<th>Organisation/Company</th>
<th>Address</th>
<th>Emergency number</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Kingdom</td>
<td>National Poisons Information Service (Belfast Centre)</td>
<td>Grosvenor Road BT12 6BA Belfast</td>
<td>0344 892 0111</td>
<td>Only for the purpose of informing medical personnel in cases of acute intoxications</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>National Poisons Information Service (Birmingham Centre)</td>
<td>Dudley Road B18 7QH Birmingham</td>
<td>0344 892 0111</td>
<td>Only for the purpose of informing medical personnel in cases of acute intoxications</td>
</tr>
</tbody>
</table>

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

Adverse physicochemical, human health and environmental effects
To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P102 - Keep out of reach of children.
EUH-statements : EUH208 - Contains reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
Child-resistant fastening : Not applicable
Tactile warning : Not applicable

2.3. Other hazards
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol substance/mixture with national workplace exposure limit(s) (GB)</td>
<td>(CAS-No.) S7-SS-6 (EC-No.) 200-338-0 (REACH-no 01-2119456809:23)</td>
<td>5 - 10</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

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4.1. Description of first aid measures

4.1.1. For non-emergency personnel

Emergency procedures:

Ventilate spillage area.

4.1.2. For emergency responders

Protective equipment:

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

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

No additional information available

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

Treat symptomatically.

4.4. Reference to other sections

For further information refer to section 8: "Exposure-controls/personal protection". For disposal of contaminated materials refer to section 13: "Disposal considerations".

5.3. Advice for firefighters

Protection during firefighting:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6.1.1. Personal precautions, protective equipment and emergency procedures

Emergency procedures:

Ventilate spillage area.

Methods and material for containment and cleaning up:

Methods for cleaning up:

Take up liquid spill into absorbent material.

Other information:

Dispose of materials or solid residues at an authorized site.

6.1.2. For emergency responders

Protective equipment:

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

Other information:

Dispense of materials or solid residues at an authorized site.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up:

Take up liquid spill into absorbent material.

Other information:

Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13: "Disposal considerations".

7.1.7. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Propane-1,2-diol (57-55-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Kingdom</td>
</tr>
<tr>
<td>United Kingdom</td>
</tr>
<tr>
<td>United Kingdom</td>
</tr>
<tr>
<td>United Kingdom</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls:
Ensure good ventilation of the work station.

Personal protective equipment:
Gloves.

Hand protection:
Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Permeation</th>
<th>Thickness (mm)</th>
<th>Penetration</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reusable gloves, Disposable gloves</td>
<td>Polyvinylchloride (PVC), Nitrile rubber (NBR)</td>
<td>6 (&gt; 480 minutes)</td>
<td>≥0.11</td>
<td>No data available</td>
<td>EN 374</td>
</tr>
</tbody>
</table>

Eye protection:
Safety glasses. EN 166

Skin and body protection:
Wear suitable protective clothing. CEN : EN 340; EN 368; EN 369; EN 467. EN 13034

Respiratory protection:
No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. EN 143

Personal protective equipment symbol(s):

Environmental exposure controls:
Avoid release to the environment.

Other information:
Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>various colors.</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
</tbody>
</table>

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Relative density: 1.5 - 2
Solubility: No data available
Log Pow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: No data available

9.2. Other information
No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong bases, Strong acids, Strong oxidation agent.

10.6. Hazardous decomposition products

Combustion generates: Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral): Not classified
Acute toxicity (dermal): Not classified
Acute toxicity (inhalation): Not classified

Propane-1,2-diol (57-55-6)

LD50 oral rat: 20000 mg/kg (Rat)
LD50 dermal rat: 22500 mg/kg (Rat)
LD50 dermal rabbit: 20800 mg/kg (Rabbit)

Alcohols, C12-14, ethoxylated (68439-50-9)

LD50 oral rat: 1600 - 2500 mg/kg
LD50 dermal rabbit: > 2000 mg/kg

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity: Not classified
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute aquatic toxicity: Not classified
Chronic aquatic toxicity: Not classified

Propane-1,2-diol (57-55-6)

LC50 fish 1: 51400 mg/l (96 Hours; Pimephales promelas)

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**LC50 fish 2**
51600 mg/l (96 Hours; Oncorhynchus mykiss)

**LC50 other aquatic organisms 1**
> 1000 mg/l (96 Hours)

**EC50 Daphnia 1**
34400 mg/l (48 Hours; Daphnia magna)

**TLM fish**
> 1000 ppm (96 Hours; Pisces)

**TLM other aquatic organisms 1**
> 1000 ppm (96 Hours)

**Threshold limit algae 1**
15000 mg/l (336 Hours; Selenastrum capricornutum)

**Threshold limit algae 2**
< 5300 mg/l (336 Hours; Skeletonema costatum)

### 12.2. Persistence and degradability

**Propane-1,2-diol (57-56-6)**

- **Persistence and degradability**: Readily biodegradable in water. According to literature, easily degradable in the soil.
- **Biochemical oxygen demand (BOD)**: 0.96 - 1.08 g O₂/g substance
- **Chemical oxygen demand (COD)**: 1.63 g O₂/g substance
- **ThOD**: 1.69 g O₂/g substance
- **BOD (% of ThOD)**: 57% ThOD

### 12.3. Bioaccumulative potential

**Propane-1,2-diol (57-56-6)**

**Log Pow**: -1.41 - -0.30

**Bioaccumulative potential**: Bioaccumulation: not applicable.

### 12.4. Mobility in soil

**Propane-1,2-diol (57-56-6)**

**Surface tension**: 0.036 N/m (25°C)

### 12.5. Results of PBT and vPvB assessment

"Harmless paints"

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Waste treatment methods**

- Dispose of contents/container in accordance with licensed collector’s sorting instructions.
- Avoid release to the environment.

### SECTION 14: Transport information

#### 14.1. UN number

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
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</thead>
<tbody>
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<td>Not regulated</td>
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</table>

#### 14.2. UN proper shipping name

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<th>IMDG</th>
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<th>RID</th>
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</table>

#### 14.3. Transport hazard class(es)

<table>
<thead>
<tr>
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<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
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<td>Not regulated</td>
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</table>

#### 14.4. Packing group

<table>
<thead>
<tr>
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<th>IMDG</th>
<th>IATA</th>
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<td>Not regulated</td>
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#### 14.5. Environmental hazards

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
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<th>RID</th>
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<td>Not regulated</td>
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</tr>
</tbody>
</table>

No supplementary information available
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14.6. Special precautions for user

Overland transport
Not regulated

Transport by sea
Not regulated

Air transport
Not regulated

Inland waterway transport
Not regulated

Rail transport
Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Directive 2012/18/EU (SEVESO III)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Revised safety data sheet in accordance with commission regulation (EU) No 2016/1179.

<table>
<thead>
<tr>
<th>Section</th>
<th>Changed item</th>
<th>Change</th>
<th>Comments</th>
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<tbody>
<tr>
<td></td>
<td>Supersedes</td>
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<td>Revision date</td>
<td>Added</td>
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<td>Indication of changes</td>
<td>Added</td>
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<td>1.2</td>
<td>EUH-statements</td>
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<tr>
<td>1.2</td>
<td>Precautionary statements (CLP)</td>
<td>Added</td>
<td></td>
</tr>
<tr>
<td>4.1</td>
<td>First-aid measures after skin contact</td>
<td>Modified</td>
<td></td>
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</tbody>
</table>

Abbreviations and acronyms:

ADR: American Agreement concerning the International Carriage of Dangerous Goods by Road
ATE: Acute Toxicity Estimate
CAS: Chemical Abstracts Service number
CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CMR: Carcinogenic, Mutagenic, Reprotoxic
CSA: Chemical Safety Assessment
CSR: Chemical Safety Report
DNEL: Derived-No Effect Level
EC50: Median Effective Concentration (required to induce a 50% effect)
EINECS: European Inventory of Existing Commercial Chemical Substances
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
IATA: International Air Transport Association

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**IMDG:** International Maritime Code for Dangerous Goods
**LC50:** Lethal concentration, 50 percent
**LD50:** Lethal dose, 50 percent
**PBT:** Persistent Bioaccumulative Toxic
**PNEC:** Predicted No Effect Concentration (for environment)
**REACH:** Registration, Evaluation and Authorisation of Chemical substances
**RID:** Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
**SVHC:** Substances of Very High Concern
**vPvB:** Very Persistent and Very Bioaccumulative

**Data sources:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179.

**Other information:**
- REACH Disclaimer:
  This information is based on current knowledge. Consistency of data in the SDS is based on current knowledge. Consistency of data in the SDS with CSR is considered, however, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

**Full text of H- and EUH-statements:**

| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| H400 | Very toxic to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH208 | Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction. |

**REACH Disclaimer:**
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.