

# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 09/17/2015

Reviewed on 09/16/2015

### 1 Identification

- **Product identifier**
- **Trade name:** Imperial Toy Bubble Solution
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:** Bubble solution
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Imperial Toy LLC  
16641 Roscoe Place, North Hills, CA 91343  
Tel: 818-536-6500
- **Other US contact point:**  
Mr. Vartan Chldrian / Imperial Toy LLC  
16641 Roscoe Place, North Hills, CA91343  
Tel: 818-536-6500  
Email: vartan.chldrian@imptoy.com
- **Emergency telephone number:**  
Poison Center  
Tel: +1 800 222 1222
- **Reference Number:** T31520240001RA

### 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
  - **Information concerning particular hazards for human and environment:**  
The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
  - **Classification system:**  
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- 
- **Label elements**
  - **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
  - **Hazard pictograms** Not applicable.
  - **Signal word** Not applicable.
  - **Hazard statements** Not applicable.
  - **Precautionary statements** Not applicable.
  - **Hazards not otherwise classified (HNOC)** No further relevant information available.

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:**  
Mixture of the substances listed below with nonhazardous additions.  
For the wording of the listed hazard statements refer to Section 16.

- **Composition :**

56-81-5 glycerol

0.457%

### 4 First-aid measures

- **Description of first aid measures**
- **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)

-USA

# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 09/17/2015

Reviewed on 09/16/2015

**Trade name: Imperial Toy Bubble Solution**

(Contd. of page 1)

- **After swallowing:** *If symptoms persist consult 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

- **Suitable extinguishing agents:**  
*CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*
- **For safety reasons unsuitable extinguishing agents:** *Not available*
- **Special hazards arising from the substance or mixture** *No further relevant information available.*
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:** *No special measures required.*

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
*Use Personal Protective equipment recommended in section 8.*
- **Environmental precautions:** *No special measures required.*
- **Methods and material for containment and cleaning up:**  
*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*

### 7 Handling and storage

- **Precautions for safe handling** *For the general occupational hygienic measures refer to Section 8.*
- **Information about protection against explosions and fires:** *No special measures required.*
- **Conditions for safe storage, including any incompatibilities**
- **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:** *None.*

### 8 Exposure controls/personal protection

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

**56-81-5 glycerol (0.457%)**

PEL (USA) *Long-term value: 15\* 5\*\* mg/m<sup>3</sup>  
mist; \*total dust \*\*respirable fraction*

TLV (USA) *TLV withdrawn-insufficient data human occup. exp.*

- **Additional information:** *The lists that were valid during the creation were used as basis.*
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.**
- **Appropriate engineering controls** *See section 7 for information about design of technical facilities.*
- **Personal protective equipment:**
- **Breathing equipment:** *Not required.*

(Contd. on page 3)

USA

# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 09/17/2015

Reviewed on 09/16/2015

**Trade name: Imperial Toy Bubble Solution**

(Contd. of page 2)

· **Protection of hands:**



Protective gloves

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:**



Tightly sealed goggles

Goggles recommended during refilling.

## 9 Physical and chemical properties

· **General Information**

· **Appearance:**

<b>Form:</b>	Liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not available

· **pH-value:** Not available

· **Change in condition**

<b>Melting point/Melting range:</b>	Not available
<b>Freezing point:</b>	Not available
<b>Boiling point/Boiling range:</b>	Not available

· **Flash point:** Not applicable

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-Ignition temperature:** Not available

· **Decomposition temperature:** Not available

· **Explosion limits:**

<b>Lower:</b>	Not available
<b>Upper:</b>	Not available

· **Vapor pressure:** Not available

<b>Density:</b>	Not available
<b>Relative density:</b>	Not available
<b>Vapour density:</b>	Not available
<b>Evaporation rate:</b>	Not available

(Contd. on page 4)

# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 09/17/2015

Reviewed on 09/16/2015

**Trade name: Imperial Toy Bubble Solution**

(Contd. of page 3)

- |   |  |
|---|--|
| <b>· Solubility in / Miscibility with Water:</b>  | Not miscible or difficult to mix.          |
| <b>· Partition coefficient (n-octanol/water):</b> | Not available                              |
| <b>· Viscosity:</b>                               |  |
| <b>Dynamic:</b>                                   | Not available                              |
| <b>Kinematic:</b>                                 | Not available                              |
| <b>· Other information</b>                        | No further relevant information available. |

### 10 Stability and reactivity

- **Reactivity** No decomposition if used according to specifications.
- **Chemical stability** Stable under recommended storage conditions.
- **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

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**56-81-5 glycerol**

	<b>Oral</b>	<b>LD50</b>	4090 mg/kg (mouse)
			12600 mg/kg (rat)
	<b>Dermal</b>	<b>LD50</b>	>10000 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect possible.
- **Sensitisation:** Sensitization possible through skin contact in some sensitive individuals.
- **Additional toxicological information:**  
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.

- **Carcinogenic categories**

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

None of the ingredients is listed.

- **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.

(Contd. on page 5)

# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 09/17/2015

Reviewed on 09/16/2015

**Trade name: Imperial Toy Bubble Solution**

(Contd. of page 4)

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

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Small quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |  |  |
|--|--|
| · <b>UN-Number</b>   |  |
| · <b>DOT, IMDG, IATA</b>   | Not applicable                                       |
| · <b>UN proper shipping name</b>   |  |
| · <b>DOT, IMDG, IATA</b>   | Not applicable                                       |
| · <b>Transport hazard class(es)</b>  |  |
| · <b>DOT, IMDG, IATA</b>   |  |
| · <b>Class</b>   | Not applicable                                       |
| · <b>Label</b>   | Not applicable                                       |
| · <b>Packing group</b>   |  |
| · <b>DOT, IMDG, IATA</b>   | Not applicable                                       |
| · <b>Environmental hazards:</b>  | Not applicable.                                      |
| · <b>Special precautions for user</b>  | Not applicable.                                      |
| · <b>EMS Number:</b>   | Not applicable                                       |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.                                      |
| · <b>Transport/Additional information:</b>                                       | Not dangerous according to the above specifications. |
| · <b>UN "Model Regulation":</b>  | Not applicable                                       |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

(Contd. on page 6)

# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 09/17/2015

Reviewed on 09/16/2015

**Trade name: Imperial Toy Bubble Solution**

(Contd. of page 5)

· **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:**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

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

None of the ingredients is listed.

· **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

## 16 Other information

· \*\*\*\*\*  
The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

**DISCLAIMER OF LIABILITY**

The information in this SDS was obtained from sources which we believe are reliable. 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.

· **Date of preparation / last revision** 09/17/2015 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent

· \*\*\*\*\*  
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