

**SDS Report**

No. SHAHG1615548103

Date: Jul. 29, 2016

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COMMOTION DISTRIBUTION  
COMMOTION HOUSE, MORLEY ROAD, TONBRIDGE KENT, TN9 1RA, UK

SGS Ref. No. : TS1610230002RA; SHHL1607040511TY-SH  
 Sample Name : 92090/92100 SENSORY DUAL COLOUR LIQUID SET/SENSORY  
 RAINBOW CASCADE SET 6  
 End Uses : Sensory Observation Toy  
 Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report  
 Job Receiving Date : July 14, 2016  
 Last Information Date : July 20, 2016  
 SDS Preparation Period : July 14 ~ July 21, 2016

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Wei WANG, Terry  
 Approved Signatory



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 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
 Testing Center (Shanghai)

3<sup>rd</sup> Building, No. 889 Yahan Road Xuhui District, Shanghai China 200233 TEL: (86-21) 61402553 FAX: (86-21) 64953679 www.sgs.com.cn  
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 HL: (86-21) 61402594 HL: (86-21) 54500353 e: sgs.china@sgs.com

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# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 07/21/2016

Reviewed on 07/19/2016

### 1 Identification

- **Product identifier**
- **Trade name:** 92090/92100 SENSORY DUAL COLOUR LIQUID SET/SENSORY RAINBOW CASCADE SET 6
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:** Sensory Observation Toy
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 COMMOTION DISTRIBUTION  
 COMMOTION HOUSE, MORLEY ROAD, TONBRIDGE KENT, TN9 1RA, UK  
 Tel: +44 (0)1732 773399  
 E-mail: ray@commotiondistribution.co.uk
- **Other US contact point:** Not available
- **Further information obtainable from:** COMMOTION DISTRIBUTION
- **Emergency telephone number:**  
 Timothy Coote  
 Tel: +44 (0)1732 773399
  
- **Poison Center**  
 Tel: +1 800 222 1222
- **Reference Number:** TS1610230002RA; SHHL1607040511TY-SH; SHAHG1615548103

### 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-determining components of labeling:** 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.

· <b>Composition:</b>		
8012-95-1	Paraffin oils	80.0%
7732-18-5	water	14.95%
57-55-6	propane-1,2-diol	5.0%

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3844-45-9	dihydrogen (ethyl)[4-[4-[ethyl(3-sulphonatobenzyl)]amino]-2'-sulphonatobenzhydrylidene]cyclohexa-2,5-dien-1-ylidene(3-sulphonatobenzyl) ammonium, disodium salt	0.028%
1934-21-0	trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate	0.012%
52-51-7	bronopol (INN) ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335	0.01%

#### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse out mouth with water.  
Never give anything by mouth to an unconscious person.  
Seek medical treatment.
- **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:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:**  
Wear fully protective suit.  
Mouth respiratory protective device.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Use respiratory protective device against the effects of fumes/dust/aerosol.  
Avoid contact with eyes.  
Avoid contact with skin.
- **Environmental precautions:** 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).  
Dispose contaminated material as waste according to item 13.

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### 7 Handling and storage

- **Precautions for safe handling:**
  - Ensure good ventilation/exhaustion at the workplace.
  - Keep receptacles tightly sealed.
  - Keep away from heat and direct sunlight.
  - Prevent formation of aerosols.
  - Avoid contact with skin and eyes.
  - For the general occupational hygienic measures refer to section 8.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**
  - Store in a cool location.
  - Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls/personal protection

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

8012-95-1 Paraffin oils (80.0%)

PEL (America) Long-term value: 5 mg/m<sup>3</sup>

REL (America) Short-term value: 10 mg/m<sup>3</sup>

Long-term value: 5 mg/m<sup>3</sup>  
oil mist

TLV (America)

L

57-55-6 propane-1,2-diol (5.0%)

WEEL (America) Long-term value: 10 mg/m<sup>3</sup>

- **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:** Suitable respiratory protective device recommended.
- **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.

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· Eye protection:



Tightly sealed goggles

### 9 Physical and chemical properties

· General Information	
· Appearance:	
Form:	Liquid
Color:	Blue.green
· Odor:	Odorless
· Odor threshold:	Not available
· pH-value:	Not available
· Change in condition	
Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	Not available
· Flash point:	Not available
· Flammability (solid, gaseous):	Not applicable
· Auto-Ignition temperature:	Not available
· Decomposition temperature:	Not available
· Explosion limits:	
Lower:	Not available.
Upper:	Not available.
· Vapor pressure:	Not available.
· Density:	Not available.
· Relative density	Not available.
· Vapor density	Not available.
· Evaporation rate	Not available.
· Solubility in / Miscibility with	
Water:	Not available
· Partition coefficient (n-octanol/water): Not available	
· Viscosity:	
Dynamic:	Not available.
Kinematic:	Not available.
· Other information	No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No decomposition if used according to specification.
- **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.

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· **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

· **Acute toxicity:**

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

8012-95-1 Paraffin oils

Oral	LD50	22000 mg/kg (mouse)
		> 24000 mg/kg (rat)

57-55-6 propane-1,2-diol

Oral	LD50	20000 mg/kg (rat)
Dermal	LD50	20800 mg/kg (rabbit)

52-51-7 bronopol (INN)

Oral	LD50	180 mg/kg (rat)
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1934-21-0 trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate

Oral	LD50	12750 mg/kg (mouse)
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· **Primary irritant effect:**

- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect possible.
- **Respiratory or skin sensitisation:** Sensitization possible.

· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

· **Carcinogenic categories**

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

3844-45-9	dihydrogen (ethyl)[4-[4-[ethyl(3-sulphonatobenzyl)]amino]-2'-sulphonatobenzhydrylidene] 3 cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)ammonium, disodium salt	3
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· **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.
- **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:** Smaller quantities can be disposed of with household waste.

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

#### 14 Transport information

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

#### 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):

52-51-7 | bronopol (INN)

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· 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.

· Cancerogenity categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

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· 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.

### 16 Other information

· **Relevant hazard statements**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

\*\*\*\*\*

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

**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** 07/21/2016 / -

· **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

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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