



SHANTOU JIANHUI TOYS INDUSTRIAL CO., LTD

Technical Report: (9319)077-0583C

Date Received: Mar 18, 2019

Apr 17, 2019

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SHANTOU JIANHUI TOYS INDUSTRIAL CO., LTD

XINHUA ROAD, CHENGHAI DISTRICT, SHANTOU CITY

PASS

Sample Description: BUBBLE WATER
Vendor: N/A
Manufacturer: N/A
Buyer: N/A
Labeled Age Grade: NOT PRESENT
Appropriate Age Grade: NOT REQUESTED
Client Specified Age Grade: NOT SPECIFIED
Tested Age Grade: N/A
UPC Code: N/A

Sample Size: 1
Style No(s): SEE ATTACHMENT
SKN/SKU No.: N/A
Order No.: N/A
Ref #: N/A
Country of Origin: N/A
Country of Destination: US
Assortment No.: N/A

EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- MSDS test.

Note: The test was subcontracted to BVCPS Shanghai. The BVCPS Shanghai's Test report number is: SDS2769

TECHNICAL QUESTIONS

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SIGNATURES

Bureau Veritas Consumer Products Services (Guangzhou) Co., Ltd

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GENERAL INFORMATION

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C/N CCS/TH

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



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ATTACHMENT

Style No.:

300, 301, 302, 303, 304, 305, 306, 310, 310-3, 311, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 324A, 325A, 326, 327, 328, 329, 330, 918A, 331, 332, 333-12, 334-12, 335, 336, 337, 338, 339, 340-12, 341, 342, 343, 344, 345, 345-48, 346, 346-3, 346-48, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 890, 890A, 890B, 890AS, 890BS, 890C, 890D, 890E, 890E-36, 890F, 890G-36, 890H-36, 890I-36, 890N-36, 890V-36, 890U-36, 890-1, 890-12, 890-2, 890-3, 890-3B, 890A-1, 890C-1, 890C-12, 890E-12, 890S-12, 890S-24, 898, 898-1, 898-2, 898-3, 898-4, 898A, 898A-3, 898A-4, 898B, 898B-3, 898B-4, 898C, 898D, 898E-36, 898F, 701, 701A, 702, 702A, 703, 703A, 703B, 705, 706, 707, 708, 709, 712, 713, 714, 715-12, 715-3, 716-12, 716-3, 717-12, 717-3, 718-12, 718-3, 720, 720-12, 721, 722, 723, 724, 725, 726-3, 727-12, 727-3, 728, 729-6, 730, 730-36, 731, 732, 733-24, 734-12, 734-3, 735, 736, 737, 738, 739, 748, 748A, 749, 749-8, 751-12, 752-6, 753-3, 753-6, 754, 755, 756, 757-6, 758-3, 759-6, 760-6, 765, 766, 767-3, 767-5, 768, 769, 769-24, 769A-24, 769B-24, 771, 772-6, 773-6, 774-6, 775-36, 776-36, 777, 778, 779, 780, 785, 785-12, 786, 787-18, 788-24, 789, 790, 791, 792, 793, 795, 796

C/N CCS/TH

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1 Identification

- Product identifier
- Trade name: **BUBBLE WATER**
- Application of the substance / the mixture **BUBBLE WATER**
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Company: Shantou jianhui toys industrial co. LTD
Address: Xinhua Road, Chenghua Industrial Zone, Chenghai, Shantou, Guangdong, China.
Postcode: 515800
Tel: +86-754-85856699
Email: jianhui2012@jianhui2012.com
Emergency telephone number: +86-754-85856699

2 Hazard(s) identification

- Classification of the substance or mixture
Aquatic Acute 3 H402 Harmful to aquatic life.
- Label elements
- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms Void
- Signal word Void
- Hazard statements
H402 Harmful to aquatic life.
- Precautionary statements
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- NFPA ratings (scale 0 - 4)
 Health = 0
Fire = 0
Reactivity = 0
- HMIS-ratings (scale 0 - 4)
 HEALTH 0 Health = 0
FIRE 0 Fire = 0
REACTIVITY 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: consisting of the following components.

Dangerous components:		
52-51-7	bronopol (INN) ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335	0.06%
55406-53-6	3-Iodo-2-propynylbutylcarbamate ⚠ Acute Tox. 3, H331; ⚠ STOT RE 1, H372; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317	0.0275%
25322-68-3	Polyethylene glycol	0.02%
Non-dangerous components:		
26590-05-6	2-Propen-1-aminium, N,N-dimethyl-N-2-propen-1-yl-, chloride (1:1), polymer with 2-propenamide	2.5%
86438-78-0	Lauramidopropyl betaine	2.0%
68334-21-4	Imidazolium compounds, 1-(carboxymethyl)-4,5-dihydro-1-(hydroxyethyl)-2-norco alkyl, hydroxides, inner salts	0.8%

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9004-62-0	Hydroxyethylcellulose	0.4%
110615-47-9	Alkylpolyglycoside C10-16	0.3%
	Eye Dam. 1, H318; Skin Irrit. 2, H315	
6440-58-0	1,3-Bis (hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	0.12%
	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	
35285-68-8	sodium 4-ethoxycarbonylphenoxide	0.0475%
	Eye Irrit. 2A, H319	
7732-18-5	water, distilled, conductivity or of similar purity	93.725%

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.
- **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:** 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:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
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.
- **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:		
26590-05-6	2-Propen-1-aminium, N,N-dimethyl-N-2-propen-1-yl-, chloride (1:1), polymer with 2-propenamide	30 mg/m ³
55406-53-6	3-Iodo-2-propynylbutylcarbamate	3.3 mg/m ³
25322-68-3	Polyethylene glycol	30 mg/m ³
- PAC-2:		
26590-05-6	2-Propen-1-aminium, N,N-dimethyl-N-2-propen-1-yl-, chloride (1:1), polymer with 2-propenamide	330 mg/m ³
55406-53-6	3-Iodo-2-propynylbutylcarbamate	36 mg/m ³
25322-68-3	Polyethylene glycol	1,300 mg/m ³
- PAC-3:		
26590-05-6	2-Propen-1-aminium, N,N-dimethyl-N-2-propen-1-yl-, chloride (1:1), polymer with 2-propenamide	2,000 mg/m ³
55406-53-6	3-Iodo-2-propynylbutylcarbamate	220 mg/m ³
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25322-68-3	Polyethylene glycol	(Contd. of page 2) 7,700 mg/m ³
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7 Handling and storage

- **Handling:**
- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **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:** None.
- **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.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **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:** Goggles recommended during refilling.

9 Physical and chemical properties

- Information on basic physical and chemical properties	
- General Information	
- Appearance:	
Form:	Liquid
Color:	transparent and colorless
Odor:	Odorless
Odor threshold:	Not determined.
pH-value:	6-8
- Change in condition:	
Melting point/Freezing point:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	Not determined
Flammability (solid, gaseous):	Not applicable.
Decomposition temperature:	Not determined.
Auto igniting:	Not determined.
Danger of explosion:	Not determined.
- Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.

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- Vapor pressure:	Not determined.
- Density:	Not determined.
- Relative density	Not determined.
- Vapor density	Not determined.
- Evaporation rate	Not determined.
- Solubility in / Miscibility with Water:	Soluble.
- Partition coefficient (n-octanol/water):	Not determined.
- Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
- Other information	No further relevant information available.

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:

- LD/LC50 values that are relevant for classification:		
52-51-7 bronopol (INN)		
Oral	LD50	305 mg/kg (rat)
55406-53-6 3-Iodo-2-propynylbutylcarbamate		
Oral	LD50	1,470 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	>6.89 mg/l (rat)

- Primary irritant effect:
- on the skin: No irritant effects known.
- on the eye: No irritating effects known.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

- 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:	
55406-53-6 3-Iodo-2-propynylbutylcarbamate	
EC50/72h	0.022 mg/l (algae)
LC50/96h	0.067 mg/l (fish)

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EC50/48h	0.16 mg/l (Daphnia magna)
- 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 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. - 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:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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.
- Special precautions for user	Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
- UN "Model Regulation":	Void

15 Regulatory information

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

- Section 355 (extremely hazardous substances):	
	None of the ingredients is listed.
- Section 313 (Specific toxic chemical listings):	
52-51-7	bronopol (INN)
55406-53-6	3-Iodo-2-propynylbutylcarbamate
- TSCA (Toxic Substances Control Act):	
26590-05-6	2-Propen-1-aminium, N,N-dimethyl-N-2-propen-1-yl-, chloride (1:1), polymer with 2-propenamide
68334-21-4	Imidazolium compounds, 1-(carboxymethyl)-4,5-dihydro-1-(hydroxyethyl)-2-norcoo alkyl, hydroxides, inner salts
9004-62-0	Hydroxyethylcellulose
110615-47-9	Alkylpolyglycoside C10-16

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6440-58-0	1,3-Bis (hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione
52-51-7	bronopol (INN)
55406-53-6	3-Iodo-2-propynylbutylcarbamate
25322-68-3	Polyethylene glycol
7732-18-5	water, distilled, conductivity or of similar purity
- TSCA new (21st Century Act): (Substances not listed)	
55406-53-6	3-Iodo-2-propynylbutylcarbamate
- 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.	
- Carcinogenic 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.	
- 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.
This safety data sheet (9319)077-0583 is prepared upon applicant Shantou jianhui toys industrial co. LTD's request. However, no further testing data provided. Therefore, this document is compiled in accordance with what we obtained.

- Relevant phrases

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
- Date of preparation / last revision 04/18/2019 / -

- 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
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)
LC50: Lethal concentration, 50 percent

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LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

RESULTS:



END OF REPORT