



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

1.1 Product Identifier: Balance Approach All-in-One**Part Number:** 156-8320, 156-8320S**1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses:** Bowling approach cleaner and conditioner/all-in-one**Uses advised against:** Uses other than those stated; for industrial/professional use only**1.3 Details of the supplier of the safety data sheet:****Supplier:** European Bowling Distribution (EBD)**Address:** Brieltjenspolder 42

4921 PJ Made

The Netherlands

Telephone: +31 162 671 084**Email:** info@eurbowdis.eu**Manufacturer:** Kegel LLC**Address:** 1951 Longleaf Blvd

Lake Wales, FL 33859, USA

Email of the competent person responsible for the Safety Data SheetSDS@kegel.net**1.4 Emergency Phone:** +1 (863) 734-0200 (available from 8 AM – 5 PM EST)

+1 (800) 280-2695 (24 hour; call forwarding service available during non-business hours)

Section 2: Hazards identification

2.1 Classification of the substance or mixture: This mixture is considered hazardous according to (EC) No. 1272/2008 (CLP).**Physical Hazards:** Not Classified**Health Hazards:** Skin Irritation Category 2

Eye Irritation Category 2

Reproductive Toxicity Category 1

Environmental Hazards: Not Classified**2.2 Label elements****Pictogram(s)/Symbol(s):** GHS08/Health Hazard; GHS07/Exclamation Point**Signal Word:** Danger**Hazard statements**

H315: Causes skin irritation.

H319: Causes serious eye irritation

H360: May damage fertility or the unborn child

Precautionary Statements**Prevention:** P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P264: Wash hand thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P308+P313: IF exposed or concerned: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of water and mild soap.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

Storage: P405: Store locked up.

Disposal: P501: Dispose of contents and container as required by all local, state, federal and international laws or regulations.

2.3 Other hazards: This product does not contain any PBT or vPvB greater than 0,1%.

Section 3: Composition/information on ingredients

3.1 Substances: Not applicable

3.2 Mixture:

| Chemical name* | CAS Number | EC Number | Registration Number | Concentration (weight %) | Classification* |
|-----------------|------------|-----------|---------------------|--------------------------|--|
| Water | 7732-18-5 | 231-791-2 | --- | 76 | Not Classified |
| Isopropanol | 67-63-0 | 200-661-7 | --- | 10 | Flammable Liquid Category 2/H225 Eye Irritation Category 2/H319 Specific Target Organ Toxicity – Single Exposure Category 3/H336 |
| 2-butoxyethanol | 111-76-2 | 203-905-0 | --- | 8 | Acute Oral Toxicity Category 4/H302 Acute Dermal Toxicity Category 4/H312 Skin Irritation Category 2/H315 Eye Irritation Category 2/H319 Acute Inhalation Toxicity Category 4/H332 |
| Boric acid | 10043-35-3 | 233-139-2 | --- | 4 | Reproductive Toxicity Category 1B/H360FD |
| Pumice | 1332-09-8 | 603-719-3 | --- | 2 | Not Classified |

*Occupational Exposure Limit(s), if available, are listed in section 8. See section 16 for the full text of the H phrases declared above.

Section 4: First aid measures

4.1 Description of first aid measures

Skin Contact: Wash skin with soap and water. Remove any contaminated clothing and wash clothing before reuse. If irritation persists, seek medical attention.

Eye Contact: Flush eyes thoroughly with water while holding eyes open for at least 15 minutes. If wearing contact lenses, remove lenses and flush eyes for several minutes. If discomfort persists, seek medical attention.

Ingestion: Do not induce vomiting unless directed to do so by medical professional. Treat symptomatically. Seek medical attention as necessary. Never give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. Obtain medical attention. Qualified personnel may give oxygen if breathing is difficult or cyanosis (blue discoloration of the skin) is noted. Give artificial respiration if subject is not breathing.

4.2 Most important symptoms and effects, both acute and delayed

Skin Absorption: Harmful effects are not expected from short periods of contact. Prolonged or repeated contact may lead to skin irritation by dermatitis including swelling, redness, drying, itching and cracking.

Eye Contact: Harmful effects are not expected from short periods of contact. Eye irritation including redness and tearing may occur. Corneal inflammation may also occur.

Ingestion: Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury. Ingestion may cause gastrointestinal irritation, nausea and diarrhea. Product ingested in large quantities in concentrated form may cause toxic effects.

Inhalation: This product is not likely to cause an inhalation hazard at normal temperatures and pressures. Inhalation of mist or spray may be harmful and may cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of mist at airborne levels above the recommended exposure limit. Aspiration may cause pulmonary edema or aspiration pneumonia.

4.3 Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice/attention. Show physician this safety data sheet.

Section 5: Firefighting measures

5.1 Extinguishing Media

Suitable: Use CO₂, dry powder, universal-type foam, and water fog

Unsuitable:

5.2 Special hazards arising from the substance/mixture: Pressure increases may cause container to burst and material may spatter.

5.3 Advice for firefighters

Special Fire Fighting Procedures: Use water spray to cool fire-exposed containers and structures.

Special Protective Equipment for Firefighters: Wear full protective gear and an approved self-contained breathing apparatus with full face-piece operated in positive pressure mode.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Wear protective clothing including gloves and eye protection when taking up spills. Eliminate any ignition sources. Evacuate untrained personnel.

6.2 Environmental precautions: Prevent from entering sewers or drains.

6.3 Methods and material for containment and cleaning up: Floor may be slippery. Use care to avoid falling. Cover drains and use spill dams to prevent material from spreading. Absorb spill on an inert material such as sand, earth, or vermiculite. Universal sorbent pads may also be used. Small spills can be mopped away with water. Never return spills to original container for re-use. Spill clean-up materials should be collected in appropriately labeled containers for disposal. Dispose of material as required by all applicable regulations and laws.

6.4 Reference to other sections: See section 8 for personal protective equipment and section 13 for disposal considerations.

Section 7: Handling and storage

7.1 Precautions for safe handling: Keep containers tightly closed to prevent contamination. Wear suitable personal protective equipment including gloves and splash resistant eye protection. Wash hands after use.

7.2 Conditions for safe storage, including any incompatibilities: Normal precautions should be followed in handling and storage. Keep away from heat and flame. Keep container tightly closed. Freezing of product may rupture container. Product shelf life is best retained by storage between 20°C and 32°C (68°F – 90°F).

7.3 Specific end use(s): Bowling approach cleaner and conditioner

Section 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limits/standards

| Substance: 2-butoxyethanol | | | | |
|-----------------------------------|----------------------------------|--|-------------|--|
| CAS No.: 111-76-2 | | | | |
| Country | Limit Value (8 hours) | Limit Value (Short term) | Form | Source |
| Austria | 98 mg/m ³ | 200 mg/m ³ | | |
| Belgium | 98 mg/m ³ | 246 mg/m ³ (15 min. avg.) | | |
| Denmark | 98 mg/m ³ | 196 mg/m ³ | | |
| European Union | 98 mg/m ³ | 246 mg/m ³ (15 min. avg.) | | IOELV |
| Finland | 98 mg/m ³ | 250 mg/m ³ (15 min. avg.) | | |
| France | 49 mg/m ³ | 246 mg/m ³ (15 min. avg.) | | Restrictive statutory limit values Skin |
| Germany | 49 mg/m ³ | 196 mg/m ³ (15 min. avg.) | | AGS |
| Germany | 49 mg/m ³ | 98 mg/m ³ (15 min. avg.) | | DFG |
| Hungary | 98 mg/m ³ | 246 mg/m ³ | | |
| Ireland | 98 mg/m ³ | 246 mg/m ³ (15 min. reference period) | | |
| Italy | 98 mg/m ³ | 246 mg/m ³ | | |
| Latvia | 98 mg/m ³ | 246 mg/m ³ (15 min. avg.) | | |
| Poland | 98 mg/m ³ | 200 mg/m ³ | | |
| Romania | 98 mg/m ³ | 246 mg/m ³ (15 min. avg.) | | |
| Spain | 98 mg/m ³ | 245 mg/m ³ | | |
| Sweden | 50 mg/m ³ | 246 mg/m ³ (15 min. avg.) | | |

| | | | | |
|-----------------|-----------------------|--------------------------------------|--|----------|
| Switzerland | 49 mg/m ³ | 98 mg/m ³ | | |
| The Netherlands | 100 mg/m ³ | 246 mg/m ³ | | |
| Turkey | 98 mg/m ³ | 246 mg/m ³ (15 min. avg.) | | |
| United States | 240 mg/m ³ | | | OSHA PEL |
| United Kingdom | 123 mg/m ³ | 246 mg/m ³ | | |

| Substance: Isopropanol | | | | |
|-------------------------------|-----------------------|---------------------------------------|------|---------------------|
| CAS No.: 67-63-0 | | | | |
| Country | Limit Value (8 hours) | Limit Value (Short term) | Form | Source |
| Austria | 500 mg/m ³ | 1230 mg/m ³ | | |
| Belgium | 500 mg/m ³ | 1000 mg/m ³ (15 min. avg.) | | |
| Denmark | 490 mg/m ³ | 980 mg/m ³ | | |
| Finland | 500 mg/m ³ | 620 mg/m ³ (15 min. avg.) | | |
| France | | 980 mg/m ³ | | |
| Germany | 500 mg/m ³ | 1000 mg/m ³ (15 min. avg.) | | AGS, DFG |
| Hungary | 500 mg/m ³ | 2000 mg/m ³ | | |
| Ireland | 200 ppm | 400 ppm (15 min. reference period) | | |
| Latvia | 350 mg/m ³ | 600 mg/m ³ (15 min. avg.) | | |
| Poland | 900 mg/m ³ | 1200 mg/m ³ | | |
| Romania | 200 mg/m ³ | 500 mg/m ³ (15 min. avg.) | | |
| Spain | 500 mg/m ³ | 1000 mg/m ³ | | |
| Sweden | 350 mg/m ³ | 600 mg/m ³ (15 min. avg.) | | |
| Switzerland | 500 mg/m ³ | 1000 mg/m ³ | | |
| United States | 980 mg/m ³ | 1225 mg/m ³ (15 min. avg.) | | OSHA PEL, NIOSH REL |
| United Kingdom | 999 mg/m ³ | 1250 mg/m ³ | | |

8.2 Exposure controls

8.2.1 Appropriate engineering controls: Mechanical ventilation is suggested but not normally necessary under normal usage of product.

8.2.2 Individual protection measures, such as personal protective equipment

8.2.2.1 Eye and face protection: Appropriate eye protection should always be worn when handling chemicals. Splash resistant eyewear is recommended when splashing is a concern.

8.2.2.2 Skin protection: Wear chemical resistant gloves and protective clothing, such as long sleeves, to minimize skin contact.

8.2.2.3 Respiratory protection: No special respiratory protection is required with normal usage of product.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Grey, opaque liquid

Odor: Mild, solvent-like odor

Odor threshold: Not determined

pH: Not determined

Melting/freezing point: Not determined

Initial boiling point: Not determined

Distillation temperature (90%): Not determined

Flash point: 82,2°C (180°F) by PMCC

Evaporation rate: Not determined

Flammability (solid, gas): Not determined

Explosive limits: Not determined

Vapor pressure: Not determined

Vapor density: Not determined

Relative density (H₂O=1): Not determined

Solubility in H₂O: Soluble

Partition coefficient (n-octanol/water): Not determined

Auto Ignition temp.: Not determined

Decomposition temp.: Not determined

Viscosity (cps): Not determined

Explosive properties: Not determined

Oxidizing properties: Not determined

9.2 Other information

Information not available

Section 10: Stability and reactivity

10.1 Reactivity: Non-reactive when used according to specifications

10.2 Chemical stability: Stable under normal ambient conditions

10.3 Possibility of hazardous reactions: None under conditions of normal use.

10.4 Conditions to avoid: Avoid high heat, flames and sparks as a precaution.

10.5 Incompatible materials Product is normally unreactive.

10.6 Hazardous decomposition products: Burning can produce various oxides and vapors that are potentially dangerous to health.

Section 11: Toxicological information

11.1 Information on toxicological effects: This product has not undergone animal lab testing to determine toxicity. Toxicological data and local effects provided for primary substance(s) in the mixture.

Acute toxicity: Does not meet the criteria for oral, dermal or inhalation classification.

Skin corrosion/irritation : Causes skin irritation.

| Chemical Name (CAS #) | Result | Species | Method |
|----------------------------|--------------------|---------|---------------|
| 2-butoxyethanol (111-76-2) | Irritating to skin | Rabbit | EU Method B.4 |

Serious eye damage/irritation: Causes serious eye irritation.

| Chemical Name (CAS #) | Result | Species | Method |
|-----------------------|-------------------|---------|-------------|
| Isopropanol (67-63-0) | Irritating to eye | Rabbit | Draize Test |

Respiratory or skin sensitization: Does not meet the criteria for classification.

Germ cell mutagenicity: Does not meet the criteria for classification.

Carcinogenicity: Does not meet the criteria for classification.

Reproductive toxicity: May damage fertility. May damage the unborn child.

| Chemical Name (CAS #) | Result | Species | Method |
|-------------------------|------------------|---------|--------|
| Boric acid (10043-35-3) | Effects observed | Rat | |

Specific Target Organ Toxicant Single Exposure (STOT-SE): Does not meet the criteria for classification.

Specific Target Organ Toxicant Repeated Exposure (STOT-RE): Does not meet the criteria for classification.

Aspiration hazard: Does not meet the criteria for classification.

Numerical measures of toxicity: The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 9865 mg/kg

ATEmix (dermal): 13783 mg/kg

ATEmix (inhalation-vapors): 51,3 mg/L

Section 12: Ecological information

12.1 Toxicity: There is no eco-toxicity data available for this mixture.

12.2 Persistence and degradability: Biodegradability has not been determined for the mixture.

| Chemical Name (CAS #) | Result | Degradability | Method |
|----------------------------|-----------------------|---------------|---------------|
| 2-butoxyethanol (111-76-2) | Readily biodegradable | | OECD 301 B |
| Isopropanol (67-63-0) | Readily biodegradable | | EU Method C.5 |

12.3 Bioaccumulative potential: Data not available for mixture

12.4 Mobility in soil: Data not available for mixture

12.5 Results of PBT and vPvB assessment: Mixture does not contain any PBT or vPvB substances at greater than 0,1%.

12.6 Other adverse effects: Unknown

Section 13: Disposal considerations

13.1 Waste treatment methods: Dispose of all contents/container in accordance with appropriate international, federal, state and local environmental control regulations. Collect and reclaim or dispose in sealed containers at a licensed waste disposal site. The material may be collected at a licensed and approved chemical collection and disposal facility. Empty containers should be taken to an approved waste facility for recycling or disposal.

Section 14: Transport information

| | ADR/RID (Road/Rail Transport) | IMDG/IMO (Sea Transport) | IATA/ICAO (Air Transport) |
|-------------------------------------|--|-------------------------------------|--------------------------------------|
| 14.1 UN number | Not regulated | Not regulated | Not regulated |
| 14.2 UN proper shipping name | Not Regulated | Not Regulated | Not Regulated |
| 14.3 Transport hazard class | Not Regulated | Not Regulated | Not Regulated |
| 14.4 Packing group | None | None | None |
| 14.5 Environmental hazards | None | None | None |

14.6 Special precautions for user: Always transport in closed containers that are upright and secure to prevent accidental spillage.

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

REACH Regulation (EC) No 1907/2006

This mixture contains only components that have been registered, are exempt from registration, or are regarded as registered according to Regulation (EC) No. 1907/2006 (REACH).

Seveso Directive 2012/18/EC – Listed in regulation: None

15.2 Chemical safety assessment: No chemical safety assessment has been carried out for this mixture.

Section 16: Other information

Full text of H-phrases, if any, appearing in section 3:

H225: Highly flammable liquid and vapor.

H312: Harmful in contact with skin.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness

H302: Harmful if swallowed.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H360FD: May damage fertility. May damage the unborn child.

HMIS III Rating

Health: 1

Flammability: 1

Physical Hazard: 0

Personal Protective Equipment (PPE): B

NFPA Rating

Health: 1

Flammability: 2

Reactivity: 0

Special Hazards: None

Hazard Rating Legend

0: Minimal Hazard

1: Slight Hazard

2: Moderate Hazard

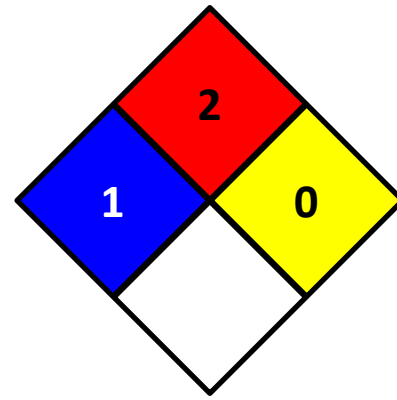
3: Serious Hazard

4: Severe Hazard

HMIS III Ratings

| | |
|------------------------|----------|
| HEALTH | 1 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |
| PPE | B |

NFPA Ratings



SDS: Balance Approach All-in-One

Product ID: 156-8320, 156-8320S

SDS Revision Level: 1.0

SDS Revision Date: 11 October 2019

Revision Reason(s): New SDS

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