

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

QUICK CLEAN BALL WIPES

Part number: 56-B60015-000

1.2. Relevant identified uses of the mixture and uses advised against:

Cleaning wipes for bowling balls.

For professional use.

1.3. Details of the supplier of the safety data sheet:

Information about the distributor/importer:

BRUNSWICK BOWLING PRODUCTS, LLC

525 W. Laketon Ave.

Muskegon, MI 49441 USA

Tel.: 231-725-4966

1.3.1. Responsible person:

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E-mail:

brunswick.hu@brunswickbowling.com

1.4. Emergency telephone number:

24-hour Emergency Telephone No.: CHEMTEL +1 813-248-0585

Customer Service: Brunswick Bowling Products, LLC: 231-725-4966

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the mixture:

Classification according to Regulation 1272/2008/EC (CLP):

Not considered as hazardous mixture.

Warning **H statements:** no warning statements.

2.2. Label elements:

Warning **H statements:** no warning statements.

Precautionary **P statements:**

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

EUH 210 - Safety data sheet available on request.

2.3. Other hazards:

Causes mild skin irritation.

The product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. **Substances:**
Not applicable.

3.2. **Mixtures:**

Description	CAS number	EC number / ECHA list number	REACH registration number	Conc. (%)	Classification according to Regulation 1272/2008/EC (CLP)		
					Hazard pictogram	Hazard category	H phrase
2-butoxyethanol*	111-76-2	203-905-0	-	1 – 5	GHS07 Warning	Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Eye Irrit. 2 Skin Irrit. 2	H332 H312 H302 H319 H315

*: Substance having occupational exposure limit value.

For the full text of H phrases: see section 16.

SECTION 4: FIRST AID MEASURES

4.1. **Description of first aid measures:**

General information:

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

INGESTION:

Measures:

- If swallowed obtain immediate medical attention.
- Keep at rest.
- Do NOT induce vomiting.
- If the person is conscious, have them drink water.
- Contact a physician immediately.

INHALATION:

Measures:

- Remove to fresh air, keep patient warm and at rest.
- If breathing is irregular or stopped, give artificial respiration.
- If unconscious, place in the recovery position and obtain immediate medical attention.
- Give nothing by mouth.

SKIN CONTACT:

Measures:

- Remove contaminated clothing.
- Wash skin thoroughly with soap and water or use a recognized skin cleanser.

EYE CONTACT:

Measures:

- Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

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

Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or oesophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal oedema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure.
Causes mild skin irritation.

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

No special treatment needed; treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

- 5.1. **Extinguishing media:**
- 5.1.1. **Suitable extinguishing media:**
Alcohol resistant foam, CO₂, powder, water spray.
- 5.1.2. **Unsuitable extinguishing media:**
Water jet.
- 5.2. **Special hazards arising from the substance or mixture:**
In case of fire, smoke and other combustion products (irritating gases and vapours, oxides carbon) may be formed; the inhalation of such combustion products can have serious adverse effects on health. In the event of fire and/or explosion do not breathe the fumes.
- 5.3. **Advice for firefighters:**
Move containers from fire area if you can do it without risk. Dike fire control water for later disposal; do not scatter the material. The product causes burn of eyes, skin and mucous membranes. As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full facepiece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. **Personal precautions, protective equipment and emergency procedures:**
- 6.1.1. **For non-emergency personnel:**
Allow only well-trained experts wearing suitable protective clothing to abide in the field of accident.
- 6.1.2. **For emergency responders:**
Wear appropriate personal protective equipment (see section 8).
- 6.2. **Environmental precautions:**
Dispose of the spillage and the resulting waste according to the applicable environmental regulations. Do not allow the product and the resulting waste to enter sewers/soil/surface or ground water. Notify the respective authorities in accordance with local law in the case of environmental pollution immediately.
- 6.3. **Methods and material for containment and cleaning up:**
Evacuate personnel to safe areas. Avoid contact with skin, eyes and clothing. Keep people away from the upwind of spill/leak. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.
- 6.4. **Reference to other sections:**
For further and detailed information see section 8 and 13.

SECTION 7: HANDLING AND STORAGE

- 7.1. **Precautions for safe handling:**
Observe conventional hygiene precautions.
Wash hands before eating, drinking, smoking or using toilet.
Promptly remove soiled clothing and wash thoroughly before reuse.
- Technical measures:**
Handle containers carefully to prevent damage and spillage.
Wear appropriate personal protective equipment (see section 8).
- Precautions against fire and explosion:**
No special measures required.
- 7.2. **Conditions for safe storage, including any incompatibilities:**
- Technical measures and storage condition:**
Keep container closed when not in use.
Store in a dry ventilated area.
Maintain package labelling during storage.
- Incompatible materials:** see section 10.5
- Packaging material:** no special prescriptions.

- 7.3. **Specific end use(s):**
 No specific instructions available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. **Control parameters:**

Occupational exposure limit values (Commission Directive 2000/39/EC of 8 June 2000):

2-butoxyethanol (CAS number: 111-76-2): 8 hours: 98 mg/m³, 20 ppm; short-term: 24,6 mg/m³, 50 ppm

DNEL values		Oral exposure		Dermal exposure		Inhalative exposure	
		Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)
Consumer	Local	no data	no data	no data	no data	no data	no data
	Systemic	no data	no data	no data	no data	no data	no data
Worker	Local	no data	no data	no data	no data	no data	no data
	Systemic	no data	no data	no data	no data	no data	no data

PNEC values		
Compartment	Value	Note(s)
Freshwater	no data	no note(s)
Seawater	no data	no note(s)
Freshwater sediment	no data	no note(s)
Seawater sediment	no data	no note(s)
Wastewater Treatment Plant (STP)	no data	no note(s)
Intermittent release	no data	no note(s)
Secondary poisoning	no data	no note(s)
Soil	no data	no note(s)

8.2. **Exposure controls:**

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

8.2.1. **Appropriate engineering controls:**

In pursuance of work is proper foresight needed to avoid leaking onto clothes and floors and to avoid contact with eyes and skin.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

8.2.2. **Individual protection measures, such as personal protective equipment:**

Use good personal hygiene practices.

Wash hands before eating, drinking, smoking or using toilet.

Promptly remove soiled clothing and wash thoroughly before reuse.

- Eye/face protection:** use appropriate, chemical resistant protective glasses/face shields (EN 166).
- Skin protection:**
 - Hand protection:** use appropriate, chemical resistant, impervious protective gloves (EN 374).
 - Other:** use appropriate, chemical resistant protective clothing such as coveralls/apron and boots.
- Respiratory protection:** use appropriate respiratory protective device, following manufacturer's recommendations when concentrations exceed permissible exposure limits.
- Thermal hazards:** no thermal hazards known.

8.2.3. **Environmental exposure controls:**

No specific prescription.

The requirements detailed in section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions, an expert's advice is necessary before deciding upon further protective measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Parameter	Value / Test method / Remarks
1. Appearance:	light blue liquid
2. Odour:	solvent
3. Odour threshold:	no data*
4. pH:	no data*
5. Melting point/freezing point:	not measured
6. Initial boiling point and boiling range:	no data*
7. Flash point:	>93,3 °C
8. Evaporation rate:	not measured
9. Flammability (solid, gas):	not applicable
10. Upper/lower flammability or explosive limits:	not measured
11. Vapour pressure:	not measured
12. Vapour density:	not measured
13. Relative density:	no data*
14. Solubility(ies):	completely soluble in water
15. Partition coefficient: n-octanol/water:	not measured
16. Auto-ignition temperature:	not measured
17. Decomposition temperature:	not measured
18. Viscosity:	not measured
19. Explosive properties:	no data*
20. Oxidizing properties:	no data*

9.2. Other information:

Specific gravity: 1,036

VOC: 130 g/l

*: The manufacturer did not carry out any tests on this parameter for the product or the results of the tests are not available at the time of publication of the data sheet.

Data applies to the liquid, which the wipes are impregnated with.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Hazardous polymerization will not occur.

10.2. Chemical stability:

Stable under normal conditions.

10.3. Possibility of hazardous reactions:

See Section 10.5.

10.4. Conditions to avoid:

Incompatible materials, heat, flames and sparks. Exposure to air or moisture over prolonged periods.

10.5. Incompatible materials:

Any acidic material, ammonia, urea, oxidizable materials and metals such as nickel, copper, tin, aluminium and iron.

10.6. Hazardous decomposition products:

Thermal decomposition can lead to release of irritating gases and vapours. Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Acute toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

11.1.1. Summaries of the information derived from the test conducted:

No data available.

11.1.2. Relevant toxicological properties:

No data available about the product.

Information about the component:

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
2-butoxyethanol (CAS number: 111-76-2)	1414 mg/kg Guinea Pig - Category: 4	>2000 mg/kg Guinea Pig - Category: 5	173 mg/L/4hr Guinea Pig - Category: NA	---	---
Carcinogen Data	Source	Value			
2-butoxyethanol (CAS number: 111-76-2)	OSHA	Regulated Carcinogen: No			
	NTP	Known: No Suspected: No			
	IARC	Group 1: No Group 2a: No Group 2b: No Group 3: Yes Group 4: No			

11.1.3. Information on likely routes of exposure:

Ingestion, inhalation, skin contact, eye contact.

11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Causes mild skin irritation.

11.1.6. Interactive effects:

No data available.

11.1.7. Absence of specific data:

No information.

11.1.8. Other information:

No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity:

The mixture is not classified as hazardous for the environment.

Information about the component:

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
2-butoxyethanol (CAS number: 111-76-2)	1474, Oncorhynchus mykiss	1550, Daphnia magna	1840 (72 hr), Pseudokirchneriella subcapitata

12.2. Persistence and degradability:

- No data available about the product.
- 12.3. **Bioaccumulation potential:**
Not measured.
- 12.4. **Mobility in soil:**
No data available.
- 12.5. **Results of PBT and vPvB assessment:**
The product does not contain any PBT or vPvB substances.
- 12.6. **Other adverse effects:**
No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. **Waste treatment methods:**
Disposal according to the local regulations.
- 13.1.1. **Information regarding the disposal of the product:**
Dispose of in accordance with applicable regulations.
List of Waste Code:
No waste disposal key according to the List of Waste Code (LoW code) can be determined for this product, as only the purpose of application defined by the user enables an allocation. The LoW code number has to be determined after a discussion with a waste disposal specialist.
- 13.1.2. **Information regarding the disposal of the packaging:**
Dispose of in accordance with applicable regulations.
- 13.1.3. **Physical/chemical properties that may affect waste treatment options shall be specified:**
No data available.
- 13.1.4. **Sewage disposal:**
No data available.
- 13.1.5. **Special precautions for any recommended waste treatment:**
No data available.

SECTION 14: TRANSPORT INFORMATION

ADR/RID; ADN; IMDG; IATA:
Not dangerous good in sense of the transport regulations.

- 14.1. **UN Number:**
No UN Number.
- 14.2. **UN proper shipping name:**
No proper shipping name.
- 14.3. **Transport hazard class(es):**
No transport hazard classes.
- 14.4. **Packaging group:**
No packaging group.
- 14.5. **Environmental hazards:**
Marine pollutant: no.
- 14.6. **Special precautions for user:**
No relevant information available.
- 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:**

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission

Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents

15.2. **Chemical safety assessment:** no information.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet:

The safety data sheet has been revised according to Regulation (EU) 2015/830 (section 1-16).
This Safety Data Sheet supersedes all previous versions according to Annex II of Regulation (EC) No 1907/2006.

Literature references / data sources:

Previous version of the safety data sheet (dated 28. 09. 2018.)

Methods used for the classification according to Regulation 1272/2008/EC:

Based on the calculation method carried out on the basis of the known hazards of the components, not considered as a hazardous mixture.

Relevant H-Phrases (number and full text) of Section 2 and 3:

H302 – Harmful if swallowed.
H312 – Harmful in contact with skin.
H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H332 – Harmful if inhaled.
EUH 210 - Safety data sheet available on request.

Training advice: no data available.

Full text of the abbreviations in the safety data sheet:

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate.
AOX: Adsorbable organic halides.
BCF: Bioconcentration factor.
BOD: Biological Oxygen Demand.
CAS number: Chemical Abstract Service number.
CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
CMR effects: Carcinogenic, mutagenic, reprotoxic effects.
COD: Chemical Oxygen Demand.
CSA: Chemical Safety Assessment.
CSR: Chemical Safety Report.
DNEL: Derived-No-Effect-Level.
ECHA: European Chemical Agency.
EC: European Community.
EC number: EINECS and ELINCS numbers (see also EINECS and ELINCS).
EEC: European Economic Community.
EEA: European Economic Area (EU + Iceland, Liechtenstein and Norway).
EINECS: European Inventory of Existing Commercial Chemical Substances.
ELINCS: European List of Notified Chemical Substances.
EN: European Norm.

EU: European Union.
EWC: European Waste Catalogue (replaced by LoW – see below).
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
IATA: International Air Transport Association.
ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
IMSBC: International Maritime Solid Bulk Cargoes.
IUCLID: International Uniform Chemical Information Database.
IUPAC: International Union of Pure and Applied Chemistry.
Kow: n-Octanol - Water Partition Coefficient.
LC50: Lethal concentration resulting in 50 % mortality.
LD50: Lethal dose resulting in 50 % mortality (median lethal dose).
LoW: List of Waste.
LOEC: Lowest Observed Effect Concentration.
LOEL: Lowest Observed Effect Level.
NOEC: No Observed Effect Concentration.
NOEL: No Observed Effect Level.
NOAEC: No Observed Adverse Effect Concentration.

NOAEL: No Observed Adverse Effect Level.
OECD: Organization for Economic Cooperation and Development.
OSHA: Occupational Safety and Health Administration.
PBT: Persistent, Bioaccumulative and Toxic.
PNEC: Predicted No Effect Concentration.
QSAR: Quantitative Structure Activity Relationship.
REACH: Regulation 1907/2006/EC concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.
SCBA: Self Contained Breathing Apparatus.
SDS: Safety Data Sheet.
STOT: Specific Target Organ Toxicity.
SVHC: Substances of Very High Concern.
UN: United Nations.
UVCB: Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials.
VOC: Volatile Organic Compound.
vPvB: very Persistent and very Bioaccumulative.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations.

The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information.

The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product.

It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.

Safety data sheet was prepared by:
MSDS-Europe
International branch of ToxInfo Kft.

Professional help regarding the explanation of
the safety data sheet:
+36 70 335 8480; info@msds-europe.com



Date of issue: 28. 09. 2018.
Date of revision: 28. 03. 2019.
Version: 2

