

Safety Data Sheet

Brunswick Crown Factory Compound (6 oz. and 32 oz.)

SDS Revision Date:

09/13/2016



1. Identification

1.1. Product identifier

Product Identity

Brunswick Crown Factory Compound – 6 oz.
Brunswick Crown Factory Compound – 32 oz.

Alternate Names

Product Code: 56B60215006 and 56B60315032

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use

Bowling ball cleaner.

Application Method

See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name

Brunswick Bowling Products, LLC
525 W. Laketon Ave.
Muskegon, MI 49441 USA

Emergency

24 hour Emergency Telephone No.

US: 1-800-255-3924
International: +01-813-248-0585

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

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Irrit. 3;H316 Causes mild skin irritation. (Not adopted by US OSHA)

Eye Dam. 1;H318 Causes serious eye damage.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H316 Causes mild skin irritation.

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H318 Causes serious eye damage.

[Prevention]:

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P332+313 If skin irritation occurs: Get medical advice / attention.

[Storage]:

No GHS storage statements

[Disposal]:

No GHS disposal statements

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Amorphous Silica CAS Number: 0007631-86-9	10 - 25	Not Classified	[1][2]
Pumice CAS Number: 0001332-09-8	5 - 10	Not Classified	[1]
Kaolin CAS Number: 0001332-58-7	5 - 10	Eye Irrit. 2;H319	[1][2]
Mineral oil CAS Number: 0008042-47-5	5 - 10	Asp. Tox. 1;H304	[1]
Mixture Of Surfactants CAS Number: Proprietary	5 - 10	Not Provided	[1]
Dimethylsiloxane CAS Number: 0063148-62-9	1 - 5	Not Classified	[1]
Ethanol CAS Number: 0000064-17-5	1 - 5	Flam. Liq. 2;H225 Eye Irrit. 2;H319 (@ > 50%)	[1][2]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

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4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	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.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Overview	EYES: Irritation, redness, watering eyes SKIN: Irritation, defatting and drying out skin. SKIN ABSORPTION: None Expected. INGESTION: Nausea, diarrhea, gastrointestinal irritation INHALATION: Can irritate mouth, throat. ACUTE TOXICITY: None known. CHRONIC EFFECTS: None known. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.
Eyes	Causes serious eye damage.
Skin	Causes mild skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Use alcohol foam, carbon dioxide when fighting fires involving this material. DO NOT use water spray as it will spread the fire.

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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of carbon, sulfur.

5.3. Advice for fire-fighters

Fight fire with normal precautions from a reasonable distance.

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

SMALL SPILL: Pick up wash liquid with additional absorbent and place in a disposable container. LARGE SPILL: Dike area in front of spill and contain for appropriate disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Not Established

LAND SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

AIR SPILL: None Expected.

7. Handling and storage

7.1. Precautions for safe handling

Use good industrial practice.

Individuals with sensitive skin should wear gloves when handling.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Store in a well-ventilated place. Keep cool.

Incompatible materials: Oxidizing agents, reducing agents, strong acids or alkali.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

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8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000064-17-5	Ethanol	OSHA	TWA 1000 ppm (1900 mg/m ³)
		ACGIH	STEL: 1000 ppm Revised 2009,
		NIOSH	TWA 1000 ppm (1900 mg/m ³)
		Supplier	No Established Limit
0001332-09-8	Pumice	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0001332-58-7	Kaolin	OSHA	TWA 15 mg/m ³ (total) TWA 5 mg/m ³ (resp)
		ACGIH	TWA: 2 mg/m ³
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
		Supplier	No Established Limit
0007631-86-9	Amorphous Silica	OSHA	TWA 20 mppcf (80 mg/m ³ /%SiO ₂)
		ACGIH	No Established Limit
		NIOSH	TWA 6 mg/m ³
		Supplier	No Established Limit
0008042-47-5	Mineral oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0063148-62-9	Dimethylsiloxane	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Mixture Of Surfactants	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³ OSHA PEL and 10 mg/m³ ACGIH.

8.2. Exposure controls

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Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Eye protection can mitigate potential irritation from mist / spray.
Skin	Use personal protective equipment as required. Individuals with sensitive skin should wear gloves when handling.
Engineering Controls	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.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Opaque Viscous emulsion.
Odor	Mild
Odor threshold	Not determined
pH	~ 7 to 9
Melting point / freezing point	Not Applicable
Initial boiling point and boiling range	Not Established
Flash Point	> (200°F)
Evaporation rate (Ether = 1)	Not yet Determined
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 0 Upper Explosive Limit: 0
Vapor pressure (Pa)	Not Established
Vapor Density	Not Established
Specific Gravity	1.2 to 1.3
Solubility in Water	Miscible
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Established
Decomposition temperature	Not Established
Viscosity (cSt)	Not Established
VOC Content	~ 10.000 to 20.000 grams / litre
Percent Volatile (by volume)	70 - 80

9.2. Other information

No other relevant information.

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10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Temperatures below 32* F or above 100* F

10.5. Incompatible materials

Oxidizing agents, reducing agents, strong acids or alkali.

10.6. Hazardous decomposition products

Oxides of carbon, sulfur.

11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

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
Amorphous Silica - (7631-86-9)	5,110.00, Rat - Category: NA	> 5,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Pumice - (1332-09-8)	No data available	No data available	No data available	No data available	No data available
Kaolin - (1332-58-7)	No data available	No data available	No data available	No data available	No data available

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Mineral oil - (8042-47-5)	> 5,000.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Mixture Of Surfactants - (Proprietary)	No data available	No data available	No data available	No data available	No data available
Dimethylsiloxane - (63148-62-9)	No data available	No data available	No data available	No data available	No data available
Ethanol - (64-17-5)	7,060.00, Rat - Category: NA	20,000.00, Rabbit - Category: NA	124.70, Rat - Category: NA	No data available	No data available

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000064-17-5	Ethanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0001332-09-8	Pumice	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0001332-58-7	Kaolin	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007631-86-9	Amorphous Silica	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0008042-47-5	Mineral oil	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0063148-62-9	Dimethylsiloxane	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Mixture Of Surfactants	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	3	Causes mild skin irritation. (Not adopted by US OSHA)
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable

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Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

Harmful to aquatic life.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Amorphous Silica - (7631-86-9)	10,000.00, Danio rerio	10,000.00, Daphnia magna	10,000.00 (72 hr), Scenedesmus subspicatus
Pumice - (1332-09-8)	Not Available	Not Available	Not Available
Kaolin - (1332-58-7)	Not Available	Not Available	Not Available
Mineral oil - (8042-47-5)	Not Available	Not Available	Not Available
Mixture Of Surfactants - (Proprietary)	Not Available	Not Available	Not Available
Dimethylsiloxane - (63148-62-9)	Not Available	Not Available	Not Available
Ethanol - (64-17-5)	42.00, Oncorhynchus mykiss	2.00, Daphnia magna	17.921 (96 hr), Ulva pertusa

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

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13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
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(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No;		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification D2B E

US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

Note: Ethanol (Ethyl alcohol) has been placed on the California Proposition 65 Cancer and Developmental Lists when in alcoholic beverages.

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

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EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Ethanol

Kaolin

Pennsylvania RTK Substances (>1%):

Amorphous Silica

Ethanol

Kaolin

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material in any process, unless specified in the text.

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