

# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



## 1. Identification

### 1.1. Product identifier

**Product Identity**

CROWN SUPER TAC (32 OZ)

CROWN SUPER TAC (8 OZ)

**Alternate Names**

Product Code: 56B60715008

Product Code: 56B60815032

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

**Intended use**

All Purpose 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. (CHEMTEL)**

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. 2;H315 Causes skin irritation.

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**

H315 Causes skin irritation.

# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



H318 Causes serious eye damage.

**[Prevention]:**

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

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

P321 Specific treatment (see information on this label).

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

P362 Take off contaminated clothing and wash before reuse.

**[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
Tripropylene glycol monomethyl ether CAS Number: 0025498-49-1	1 - 5	Not Classified	[1]
(2-methoxymethylethoxy)propanol CAS Number: 0034590-94-8	1 - 5	Not Classified	[1][2]
Sodium (C10-16)alkylbenzenesulfonate CAS Number: 0068081-81-2	1 - 5	Acute Tox. 4;H302 Eye Irrit. 2;H319 Skin Irrit. 2;H315 STOT SE 3;H335	[1]
Alcohols, C12-14, ethoxylated CAS Number: 0068439-50-9	1 - 5	Eye Dam. 1;H318 Aquatic Acute 1;H400	[1]
Sodium phosphate, tribasic CAS Number: 0010101-89-0	1 - 5	Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335	[1]
Triphosphoric acid, pentasodium salt, hexahydrate CAS Number: 0015091-98-2	1 - 5	Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335	[1]
2-(Benzylideneamino)ethanol CAS Number: 0000770-37-6	1 - 5	Acute Tox. 4;H302 Acute Tox. 4;H312 Acute Tox. 4;H332	[1]

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.

# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

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

## 4. First aid measures

### 4.1. Description of first aid measures

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

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

<b>Overview</b>	Ingestion can cause nausea, diarrhea, and gastrointestinal irritation. Inhalation can irritate mouth and throat. See section 2 for further details.
<b>Eyes</b>	Causes serious eye damage.
<b>Skin</b>	Causes skin irritation.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of carbon, nitrogen, 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.** ----

# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective gloves, protective clothing, eye protection and face protection.

### 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

Handle containers carefully to prevent damage and spillage.

Use of eye protection and safety gloves can mitigate potential for irritation.

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

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place. Store in a closed container.

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.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0000770-37-6	2-(Benzylideneamino)ethanol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



		Supplier	No Established Limit
0010101-89-0	Sodium phosphate, tribasic	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0015091-98-2	Triphosphoric acid, pentasodium salt, hexahydrate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0025498-49-1	Tripropylene glycol monomethyl ether	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0034590-94-8	(2-methoxymethylethoxy)propanol	OSHA	TWA(US) 100 ppm (600 mg/m3) [skin]
		ACGIH	TWA: 100 ppm STEL: 150 ppm Skin
		NIOSH	TWA 100 ppm (600 mg/m3) ST 150 ppm (900 mg/m3) [skin]
		Supplier	No Established Limit
0068081-81-2	Sodium (C10-16)alkylbenzenesulfonate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0068439-50-9	Alcohols, C12-14, ethoxylated	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

## 8.2. Exposure controls

### 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

Individuals with sensitive skin should wear gloves when handling. Take measures to avoid direct skin contact.

### 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]:

# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



## 9. Physical and chemical properties

<b>Appearance</b>	Clear Green Liquid
<b>Odor</b>	Mild
<b>Odor threshold</b>	Not determined
<b>pH</b>	~ 10 to 11
<b>Melting point / freezing point</b>	Not Applicable
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	Flash Point for Tripropylene Glycol Methyl Ether 250 ° C. Flash Point for Mixture : None to boiling
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	~ 1.01 to 1.05
<b>Solubility in Water</b>	Soluble
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not yet Determined
<b>Decomposition temperature</b>	Not Applicable
<b>Viscosity (cSt)</b>	Not Applicable
<b>VOC Content</b>	~ 10.000 to 20.000 grams / litre
<b>Percent Volatile (by volume)</b>	90 %

### 9.2. Other information

No other relevant information.

## 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

No data available.

# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



## 10.5. Incompatible materials

Oxidizing agents, reducing agents, strong acids or alkali.

## 10.6. Hazardous decomposition products

Oxides of carbon, nitrogen, sulfur.

## 11. Toxicological information

### Acute toxicity

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
Tripropylene glycol monomethyl ether - (25498-49-1)	No data available	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol - (34590-94-8)	3,500.00, Rat - Category: 5	19,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Sodium (C10-16)alkylbenzenesulfonate - (68081-81-2)	No data available	No data available	No data available	No data available	No data available
Alcohols, C12-14, ethoxylated - (68439-50-9)	>2,000.00, Rat - Category: 5	> 3,000, Rabbit - Category: 5	No data available	No data available	No data available
Sodium phosphate, tribasic - (10101-89-0)	7,400.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Triphosphoric acid, pentasodium salt, hexahydrate - (15091-98-2)	No data available	No data available	No data available	No data available	No data available
2-(Benzylideneamino)ethanol - (770-37-6)	No data available	No data available	No data available	No data available	No data available

### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000770-37-6	2-(Benzylideneamino)ethanol	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;
0010101-89-0	Sodium phosphate, tribasic	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;
0015091-98-2	Triphosphoric acid, pentasodium salt, hexahydrate	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;

# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



0025498-49-1	Tripropylene glycol monomethyl ether	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;
0034590-94-8	(2-methoxymethylethoxy)propanol	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;
0068081-81-2	Sodium (C10-16)alkylbenzenesulfonate	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;
0068439-50-9	Alcohols, C12-14, ethoxylated	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	2	Causes skin irritation.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
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

Toxic to aquatic life



# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



## Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Trippropylene glycol monomethyl ether - (25498-49-1)	Not Available	Not Available	Not Available
(2-methoxymethylethoxy)propanol - (34590-94-8)	10,000.00, Pimephales promelas	1,919.00, Daphnia magna	969.00 (72 hr), Algae
Sodium (C10-16)alkylbenzenesulfonate - (68081-81-2)	Not Available	Not Available	Not Available
Alcohols, C12-14, ethoxylated - (68439-50-9)	1.10, Oncorhynchus mykiss	2.49, Daphnia magna	0.41 (72 hr), Pseudokirchneriella subcapitata
Sodium phosphate, tribasic - (10101-89-0)	Not Available	Not Available	Not Available
Triphosphoric acid, pentasodium salt, hexahydrate - (15091-98-2)	Not Available	Not Available	Not Available
2-(Benzylideneamino)ethanol - (770-37-6)	Not Available	Not Available	Not Available

## 12.2. Persistence and degradability

Readily biodegradable

## 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 PBT/vPvB chemicals.

## 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 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



# Safety Data Sheet

CROWN SUPER TAC

SDS Revision Date:

12/08/2016



## 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:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

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.

End of Document