

## **1. PRODUCT INFORMATION**

Product name	: BTMS-50
INCI name	: Behentrimonium Methosulfate and Cetyl Alcohol and Butylene Glycol
Recommended use	: Personal care.
Supplier	: Windy Point Soap Making Supplies Inc.
Address	: 14, 6125-12 <sup>th</sup> Street SE, Calgary, AB T2H 2K1
Telephone	: 587-318-6678
Emergency Telephone	: (800) 225-3924 Canada, USA, Puerto Rico

## **2. HAZARDS IDENTIFICATION**

### **Emergency Overview**

### **GHS Classification**

Skin irritation – Category 2

Eye irritation – Category 2B

### **GHS Label elements, including precautionary statements**



Signal: Warning

### **Hazard statement(s)**

H315 + H320 Causes skin and eye irritation.

### **Precautionary statement(s)**

### **Prevention**

P264 Wash thoroughly after handling.

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

### **Response**

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

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

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

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

P362 Take off contaminated clothing and wash before reuse.

### **Other hazards which do not result in classification**

May cause irritation of respiratory tract.

Ingestion may cause irritation to mucous membranes.

### **3. COMPOSITION / INFORMATION INGREDIENTS**

<b>Product Name</b>	<b>CAS NO</b>	<b>Concentration</b>
Behentrimonium Methosulfate	81646-13-1	> 45 - < 55

### **4. FIRST AID MEASURES**

#### **Eye contact**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

#### **Skin contact**

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

#### **Inhalation**

If breathed in, move person into fresh air. If symptoms persist, call a physician.

#### **Ingestion**

If swallowed, call a poison control center or doctor immediately.

#### **Other information**

### **5. FIRE FIGHTING MEASURES**

#### **Flammable properties**

Flash point	: Not determined
Ignition temperature	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Flammability (solid, gas)	: No data available

#### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

High volume water jet

#### **Specific extinguishing methods**

Standard procedure for chemical fires.

#### **Further information**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Special protective equipment and precautions for fire-fighters**

In the event of fire, wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures.**

Use personal protective equipment. Ensure adequate ventilation.

**Methods and materials for containment and cleaning up**

Sweep up and shovel into suitable containers for disposal.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.

**Conditions for safe storage, including any incompatibilities**

Store in original container. Keep container tightly closed in a dry and well-ventilated place.

**Materials to avoid**

No special restrictions on storage with other products.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Exposure controls**

**Eyes**

Tightly fitting safety goggles

**Respiratory**

In the case of dust or aerosol formation use respirator with an approved filter.

**Hand protection**

Impervious gloves

**Skin and body**

Impervious clothing

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Wax like, solid.
Colour	: No data available.
Odour	: Characteristic.
Odour threshold	: No data available.
pH	: 4.5 - 7.0, 3
Decomposition temperature	: No data available.
Initial b.p and boiling range	: Not applicable.
Flash point	: Not determined.
Evaporation Rate	: Not applicable.
Flammability (solid, gas)	: No data available.
Auto Ignition Temperature	: No data available.
Upper Flammable Limit (% Vol)	: No data available.
Lower Flammable Limit (% Vol)	: No data available.
Vapour pressure	: No data available.
Relative vapour density	: Not Available.
Relative density	: No data available.
Solubility(ies)	: Dispersible in water.
Solubility in other solvents	: Not determined.
Partition Coefficient N-octanol / water	: No data available.
Thermal decomposition	: No data available.
Viscosity, dynamic	: No data available.
Viscosity, kinematic	: No data available.
Volatile Organic Compounds (VOCs)	: No data available.
Explosive properties	: Classification Code: No data available.
Oxidizing properties	: No data available.

## **10. STABILITY AND REACTIVITY**

### **Reactivity Conditions**

No data available.

### **Chemical stability**

Stable under normal conditions.

### **Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

### **Conditions to avoid**

None known.

### **Incompatibility**

Strong oxidizing agents

### **Hazardous decomposition products**

In case of fire hazardous decomposition products may be produced such as: Hydrogen chloride gas, Carbon oxides, Nitrogen oxides (NO<sub>x</sub>).

## **11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity    LD50

Rat, male and female: > 5,000 mg/kg

GLP: yes

Remarks: Information given is based on data obtained from similar substances.

### **Skin corrosion/irritation**

Species: Rabbit

Exposure time: 24 h

Result: slight irritation

GLP: yes

Test substance: 25%

Remarks: Information given is based on data obtained from similar substances.

### **Serious eye damage/eye irritation**

Species: Rabbit

Result: No eye irritation

GLP: yes

Test substance: 25%

Remarks: Information given is based on data obtained from similar substances

**Respiratory or skin sensitization**

Test Method: Patch Test on humans.

Species: Humans

Result: Does not cause skin sensitization.

Method: Patch Test on humans.

GLP: yes

Test substance: 25%

Remarks: Information given is based on data obtained from similar substances.

**Germ cell mutagenicity**

Genotoxicity in vitro Type: Ames test

Test species: Salmonella typhimurium

Metabolic activation: Metabolic activation

Result: negative

GLP: yes

Test substance: 25%

Remarks: Information given is based on data obtained from similar substances.

Type: Ames test

Test species: Escherichia coli

Metabolic activation: Metabolic activation

Result: negative

GLP: yes

Test substance: 25%

Remarks: Information given is based on data obtained from similar substances.

Type: Chromosome aberration test in vitro

Test species: Chinese hamster ovary cells

Metabolic activation: Metabolic activation

Result: negative

GLP: yes

Test substance: 25%

Remarks: Information given is based on data obtained from similar substances.

**Carcinogenicity**

No data available.

**Reproductive toxicity**

No data available.

**STOT-single exposure**

No data available.

**STOT-repeated exposure**

No data available.

**Aspiration toxicity**

No data available.

**Further information**

Remarks: Information given is based on data obtained from similar substances.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxicity to fish : No data available.

**Persistence and degradability**

Biodegradability : Expected to be biodegradable only at low concentrations or when its germicidal action has been effectively neutralised.

**Bioaccumulative potential**

Partition coefficient: noctanol/water : No data available.

**Mobility in soil**

Mobility in soil : No data available.

**Other adverse effects**

Results of PBT and vPvB assessment : No data available.

Additional ecological information : No data available.

**13. DISPOSAL CONSIDERATION**

**Waste from residues**

Dispose of in accordance with local regulations.

**Contaminated packaging**

Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

**International Regulation**

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation**

**Special precautions for user**

Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations.

**15. REGULATORY INFORMATION**

**SARA 311/312**

Acute Health Hazard.

**SARA 302**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations**

**Pennsylvania Right To Know**

Product Name	CAS NO	Concentration
Behentrimonium Methosulfate	81646-13-1	> 45 - < 55
1-Hexadecanol	36653-82-4	35 - 45 %
Butylene glycol	107-88-0	5 - 10 %

**New Jersey Right To Know**

Product Name	CAS NO	Concentration
Behentrimonium Methosulfate	81646-13-1	> 45 - < 55
1-Hexadecanol	36653-82-4	35 - 45 %
Butylene glycol	107-88-0	5 - 10 %

**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.



**The ingredients of this product are reported in the following inventories:**

**TSCA**

This product either contains a chemical substance that is not listed on the public TSCA Inventory or the TSCA Inventory status of the product has not been evaluated. For FDA uses only.

**REACH**

On the inventory, or in compliance with the inventory.

**AICS**

On the inventory, or in compliance with the inventory.

**DSL**

All components of this product are on the Canadian DSL.

**16. OTHER INFORMATION**

**NFPA**

Health 2

Flammability 0

Instability 0

**HMIS II**

Health 2

Flammability 0

Instability 0

**Disclaimer & Caution**

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Windy Point Soap Making Supplies Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Windy Point Soap Making Supplies Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Windy Point Soap Making Supplies Inc. is limited to the value of the goods and does not include any consequential loss. Windy Point Soap Making Supplies Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Windy Point Soap Making Supplies Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Alberta.