

Safety Data Sheet

1. IDENTIFICATION

Product Identifier: BLUE CHERRY FOAM BRUSH DET. **Date of Revision:** August 03, 2018
Product Code: B350
Other Name(s):
Distributed By:
Recommended Use and Restrictions on Use: Automotive foaming brush detergent
Manufactured By: Ostrem Chemical Co. Ltd. Phone: 780-440-1911
2310 - 80th Avenue NW In Case of Emergency Only, Phone
Edmonton, Alberta, Canada T6P 1N2 CANUTEC: 613-996-6666
www.ostrem.com

2. HAZARDS IDENTIFICATION

Classification of the Mixture: Acute Toxicity, Inhalation - Category 4
Eye Damage/Irritation - Category 1
Skin Corrosion/Irritation - Category 2

Label Elements:

Hazard Pictogram(s):



Signal Word: DANGER

Hazard Statement(s): Harmful if inhaled.
Causes serious eye damage.
Causes skin irritation.

Precautionary Statement(s):

Prevention: Wash hands thoroughly after handling.
Wear protective gloves and eye protection.
Avoid breathing dust, vapours or spray.
Use only outdoors or in a well-ventilated area.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Immediately call a poison centre or physician.
IF ON SKIN: Wash with plenty of water.
If skin irritation occurs: Get medical advice.
Take off contaminated clothing and wash it before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison centre or physician if you feel unwell.

Storage: not applicable

Disposal: not applicable

Physical/health hazards not otherwise classified:

not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc.</u>	<u>CAS #</u>	<u>Common Names</u>
ethylene glycol monobutyl ether	1 - 5%	111-76-2	2-butoxy ethanol, glycol ether EB
glycol ether DB	1 - 5%	112-34-5	
cocoamidopropyl betaine (30-40)	3 - 7%	61789-40-0	

4. FIRST-AID MEASURES

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Necessary Measures:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Immediately call a poison centre or physician.
IF ON SKIN: Wash with plenty of water.
If skin irritation occurs: Get medical advice.
Take off contaminated clothing and wash it before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison centre or physician if you feel unwell.

Most important symptoms, both acute and delayed:

Harmful if inhaled.
Causes serious eye damage.
Causes skin irritation.

Indication of immediate medical attention and special treatment needed, if necessary:

not applicable

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use extinguishing media appropriate for surrounding fire.

Specific hazards arising from the chemical (e.g.: hazardous combustion products):

May liberate oxides of carbon, nitrogen, sulfur, and sodium

Special protective equipment and precautions for firefighters:

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective equipment. See section 8.

Environmental precautions:

Prevent from entering sewers, waterways or low areas.

Methods and materials for containment and cleaning up:

Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

7. HANDLING AND STORAGE

Precautions for safe handling:

Wash hands thoroughly after handling.
Avoid breathing dust, vapours or spray.
Use only outdoors or in a well-ventilated area.
Do not ingest. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities:

Keep out of reach of children. Store in a cool, dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters - Exposure limits:

<u>Ingredient:</u>	<u>Limit:</u>
ethylene glycol monobutyl ether	ACGIH TWA: 20 ppm
glycol ether DB	not available
cocoamidopropyl betaine (30-40)	not available

Appropriate engineering controls:

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

Respiratory protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

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Other protection:

Wear protective gloves and eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour etc.):	Dark blue liquid
Odour:	Cherry
Odour threshold:	not available
pH:	8 - 10
Melting/Freezing point:	not available
Initial boiling point and range:	not available
Flash point:	not applicable
Evaporation rate:	not available
Flammability (solid, gas):	not available
Upper/lower flammability or explosive limits:	not available
Vapour pressure:	not available
Vapour density:	not available
Relative density (specific gravity):	1.042
Solubility(ies):	Complete
Partition co-efficient: n-octanol/water:	not available
Auto-ignition temperature:	not available
Decomposition temperature:	not available
Viscosity:	not available

10. STABILITY AND REACTIVITY

Reactivity:

This material is considered to be non-reactive under normal use conditions.

Chemical stability:

Stable.

Possibility of hazardous reactions:

not available

Conditions to avoid (e.g.: static discharge, shock or vibration):

not applicable

Incompatible materials:

Oxidizers / Acid

Hazardous decomposition products:

not available

11. TOXICOLOGICAL INFORMATION

POTENTIAL ACUTE HEALTH EFFECTS

Inhalation:	Harmful if inhaled.
Ingestion:	May be harmful if swallowed.
Eye contact:	Causes serious eye damage.
Skin contact:	Causes skin irritation.
Skin absorption:	not available

POTENTIAL CHRONIC HEALTH EFFECTS

Inhalation:	not available
Ingestion:	not available
Eye contact:	not available
Skin contact:	not available
Skin absorption:	not available

Mutagenicity: not available

Carcinogenicity: This information, if applicable, can be found in Section 2.

Reproductive toxicity: This information, if applicable, can be found in Section 2.

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Sensitization of product: This information, if applicable, can be found in Section 2.
Specific Target Organ Toxicity - single exposure: This information, if applicable, can be found in Section 2.
Specific Target Organ Toxicity - repeated exposure: This information, if applicable, can be found in Section 2.

Toxicological Data:

Ingredient:

ethylene glycol monobutyl ether

glycol ether DB

cocoamidopropyl betaine (30-40)

Data:

Oral LD50: 745 mg/kg (rat)

Dermal LD50: 1250 mg/kg (rat)

LD50 = 5560 ORAL RAT

not available

Other Toxicological Information on Ingredients:

ethylene glycol monobutyl ether

Chronic Effects: Organic solvents may be absorbed into the body by inhalation and ingestion and cause permanent damage to the nervous system, including the brain. Risk of damage to blood system. May cause damage to the liver and kidneys. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Reproductive effects: Possible risk of harm to the unborn child. Possible risk of impaired fertility.

Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available): not available

Persistence and degradability: not available

Bioaccumulative potential: not available

Mobility in soil: not available

Other adverse effects: not available

Ecological Information on Ingredients: not available

13. DISPOSAL CONSIDERATIONS

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations.

14. TRANSPORT INFORMATION

TDG classification: NON-REGULATED

15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

16. PREPARATION INFORMATION

Prepared by: Technical Services Department, Ostrem Chemical Co. Ltd., Ph.: 780-440-1911

Date of Preparation: June 22, 2018

Date of Revision: August 03, 2018

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and permission of Ostrem Chemical Co. Ltd.

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