1. IDENTIFICATION

Product Name: SuperB

Recommended use of the chemical and restrictions on use:

Identified Uses: For Research and Development Use Only

Company Identification: Covaris, Inc.

Customer Information Number:
14 Gill Street, Unit H
Woburn, MA 01801
(781) 932-3959

Emergency Telephone Number:
Chemtrec Number: (800) 424-9300 (for emergencies only)

Issue Date: December 9, 2013

Supersedes Date:
Safety Data Sheet prepared in accordance with OSHA’s Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2. HAZARD IDENTIFICATION

Hazard Classification:
Serious eye damage/eye irritation - Category 2B

Label Elements:
Hazard Symbols:
None

Signal Word: Warning

Hazard Statements:
Causes eye irritation.

Precautionary Statements:
Prevention:
Wash hands after handling.

Response:
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, get medical advice/attention.

Storage:
None

Disposal:
Dispose of contents/container in accordance with local regulation.

Other Hazards:
This product contains an ingredient of unknown toxicity. As with any chemical product of unknown toxicity, take precautions to prevent contact with eye, skin and mucous membranes. Use good industrial hygiene practices to prevent accidental exposure. Product should only be handled by technically qualified individuals who are educated in handling chemicals of unknown toxicity.
2. HAZARD IDENTIFICATION

Specific Concentration Limits
The values listed below represent the percentages of ingredients of unknown toxicity.
- Acute oral toxicity: 10 - 20%
- Acute dermal toxicity: 10 - 20%
- Acute inhalation toxicity: 10 - 20%
- Acute aquatic toxicity: 10 - 20%

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethylbenzylammonium Propane Sulfonate</td>
<td>NA</td>
<td>5 – 15%</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES

Description of necessary first-aid measures

**Eyes**
Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

**Skin**
Wash affected area with plenty of water. Seek medical attention if symptoms persist.

**Ingestion**
Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. Never administer anything by mouth if a victim is losing consciousness, is unconscious or is convulsing. Obtain medical attention immediately.

**Inhalation**
Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention if symptoms persist.

**Most important symptoms/effects, acute and delayed**
Aside from the information found under description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

**Indication of immediate medical attention and special treatment needed**

**Notes to Physicians**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) Extinguishing Media
Use foam, dry chemical or carbon dioxide. Use water spray for surroundings and containers.

**Specific hazards arising from the chemical**
None known.

**Special Protective Actions for Fire-Fighters**
Wear full protective clothing and self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Wear appropriate protective clothing.

Environmental Precautions
Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer or has contaminated soil or vegetation.

Methods and materials for containment and cleaning up
Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Precautions for safe handling
Wear appropriate protective equipment when handling. Do not eat or drink while handling this material. Avoid contact with eyes, skin and clothing.

Conditions for safe storage
Store at 2 - 8°C (35.6 - 46.4°F). Keep container tightly closed when not in use. Storage area should be: cool - dry - well ventilated - out of direct sunlight - away from sources of ignition (heat, sparks, flames, pilot lights) - away from incompatible materials (see Section 10)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Exposure limits are listed below, if they exist.

Dimethylbenzylammonium Propane Sulfonate
None established

Appropriate engineering controls
Use engineering methods to prevent or control exposure. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

Individual protection measures
Respiratory Protection
Respiratory protection not normally required.

Skin Protection
Chemical resistant gloves

Eye/Face Protection
Chemical goggles or safety glasses with side shields

Body Protection
Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
No known reactivity.

Chemical Stability
Stable under normal conditions.

Possibility of hazardous reactions
Hazardous polymerization will not occur.

Conditions to Avoid
Heat - high temperatures

Incompatible Materials
Strong oxidizing agents - acids - bases

Hazardous Decomposition Products
Oxides of carbon - nitrogen oxides - sulfur oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Dimethylbenzylammonium Propane Sulfonate: No data available

Specific Target Organ Toxicity (STOT) – single exposure
Dimethylbenzylammonium Propane Sulfonate: No data available

Specific Target Organ Toxicity (STOT) – repeat exposure
Dimethylbenzylammonium Propane Sulfonate: No data available

11. TOXICOLOGICAL INFORMATION

Serious Eye damage/Irritation
Dimethylbenzylammonium Propane Sulfonate: May cause eye irritation.
Skin Corrosion/Irritation
Dimethylbenzylammonium Propane Sulfonate: May cause skin irritation.

Respiratory or Skin Sensitization
Dimethylbenzylammonium Propane Sulfonate: No data available

Carcinogenicity
Dimethylbenzylammonium Propane Sulfonate: No data available

Germ Cell Mutagenicity
Dimethylbenzylammonium Propane Sulfonate: No data available

Reproductive Toxicity
Dimethylbenzylammonium Propane Sulfonate: No data available

Aspiration Hazard
No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity
No relevant studies identified.

Mobility in soil
No relevant studies identified.

Persistence/Degradability
No relevant studies identified.

Bioaccumulative Potential
No relevant studies identified.

Other adverse effects
No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

Disposal Methods
Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

Contact supplier for transport information.

15. REGULATORY INFORMATION

United States TSCA Inventory
Components of this product have not been verified for the inventory listing requirements of the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Canada DSL Inventory
Components of this product have not been verified for inclusion on the Domestic Substance List (DSL).
SAFETY DATA SHEET
SuperB

WHMIS Classification
D2B
This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations.

SARA Title III Sect. 311/312 Categorization
Immediate (Acute)

16. OTHER INFORMATION

NFPA Ratings
NFPA Code for Flammability - 0
NFPA Code for Health - 1
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards – None

HMIS Ratings
HMIS Code for Flammability - 0
HMIS Code for Health - 1
HMIS Code for Physical Hazard - 0
HMIS Code for Personal Protection - See Section 8
*Chronic

Legend
ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstracts Service
ECHA: European Chemicals Agency
IARC: International Agency for Research on Cancer
N/A: Denotes no applicable information found or available
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TLV: Threshold Limit Value

Information Source and References
This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

Prepared By: EnviroNet LLC.

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