
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.

| Component | CAS Number | Concentration |
|--|------------|---------------|
| Dimethylbenzylammonium Propane Sulfonate | NA | 5 – 15% |

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

Appearance

Physical State Liquid

Color Clear

Odor Odorless

Odor Threshold No data available

| | |
|--|-------------------|
| pH | 7.64 |
| Specific Gravity | No data available |
| Boiling Range/Point (°C/F) | No data available |
| Melting Point (°C/F) | No data available |
| Flash Point (PMCC) (°C) | No data available |
| Vapor Pressure | No data available |
| Evaporation Rate (BuAc=1) | No data available |
| Solubility in Water | No data available |
| Vapor Density (Air = 1) | No data available |
| VOC (g/l) | No data available |
| Partition coefficient (n-octanol/water) | No data available |
| Viscosity | No data available |
| Auto-ignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Upper explosive limit | No data available |
| Lower explosive limit | No data available |
| Flammability (solid, gas) | No data available |

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.

15. REGULATORY INFORMATION

Canada DSL Inventory

Components of this product have not been verified for inclusion on the Domestic Substance List (DSL).

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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