

# Safety Data Sheet

## Dynatex™ 49446 Blue Medium Strength Threadlocker Gel

### Section 1. Identification

Product Identifier Dynatex™ 49446 Blue Medium Strength Threadlocker Gel  
Synonyms N/A  
Manufacture Stock Numbers N/A

Recommended use Refer to technical information  
Uses advised against Refer to technical information

#### Manufacturer Contact

Address Dynatex Inc.  
350 Ring Road  
Elizabethtown, KY, 42701  
USA

| Phone          | Emergency Phone         | Fax |
|----------------|-------------------------|-----|
| (270) 769-3385 | (800) 424-9300 Chemtrec | N/A |

### Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2B  
SKIN CORROSION/IRRITATION - Category 2

Signal Word Warning

Pictogram



Hazard Statements Causes eye irritation  
Causes skin irritation

Precautionary Statements

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

|            |   |
|------------|---|
|            | If skin irritation occurs: Get medical advice/attention.<br>Specific treatment (see relevant SDS section)<br>Take off contaminated clothing and wash it before reuse. |
| Prevention | Wash thoroughly after handling.<br>Wear protective gloves.  |
| Storage    | N/A   |
| Disposal   | N/A   |

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified None

### Section 3. Ingredients

| CAS       | Ingredient Name                  | Weight %   |
|-----------|----------------------------------|------------|
| 80-15-9   | Cumene Hydroperoxide             | 1% - 2.5%  |
| 8002-74-2 | Paraffin Wax                     | 2.5% - 10% |
| 2358-84-1 | Diethylene glycol dimethacrylate | 50% - 100% |

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First-aid Measures

|                        |   |
|------------------------|---|
| Eye Contact            | Rinse with water for 15 minutes. Obtain medical attention.  |
| Skin Contact           | Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if irritation develops.  |
| Inhalation             | Remove to fresh air. If symptoms persist, obtain appropriate medical attention.   |
| Ingestion              | Do not induce vomiting. Keep individual calm. Obtain medical attention.   |
| Information for doctor | Most important symptoms and effects, both acute and delayed:<br>No further relevant information available Indication of any immediate medical attention and special treatment needed: No further relevant information available |

## Section 5. Fire Fighting Measures

|   |  |
|---|--|
| Suitable Extinguishing Media                          | N/A  |
| Unsuitable Extinguishing Media                        | N/A  |
| Suitable extinguishing agents                         | CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. |
| Special hazards arising from the substance or mixture | No further relevant information available  |
| Advice for firefighters                               | Protective equipment: No special measures required   |

## Section 6. Accidental Release Measures

|   |   |
|---|---|
| Steps to be taken in case of spill or release | Observe all personal protection equipment recommendations. Soak up with inert absorbent. Store in a partly filled, closed container until disposal. Prevent product from entering drains. Local, state and federal regulations may apply to releases and disposal of this material, as well as those materials and items employed in cleanup of releases. |
|---|---|

## Section 7. Handling and Storage

|          |  |
|----------|--|
| Handling | Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace Prevent formation of aerosols Information about protection against explosions and fires: No special measures required   |
| Storage  | Requirements to be met by storerooms and receptacles: No special requirements Information about storage in one common storage facility: Not required Further information about storage conditions: Keep receptacle tightly sealed Specific end use(s): No further relevant information available |

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

| Ingredient Name                  | ACGIH TLV | OSHA PEL | STEL |
|----------------------------------|-----------|----------|------|
| Cumene Hydroperoxide             | N/A       | N/A      | N/A  |
| Paraffin Wax                     | None      | None     | N/A  |
| Diethylene glycol dimethacrylate | N/A       | N/A      | N/A  |

Personal Protective Equipment

Goggles, Gloves

Components with limit values that require monitoring at the workplace

8002-74-2 Paraffin waxes and Hydrocarbon waxes REL Long-term value: 2 mg/m<sup>3</sup> TLV Long-term value: 2 mg/m<sup>3</sup> 80-15-9 Dimethylbenzyl hydroperoxide WEEL Long-term value: 6 mg/m<sup>3</sup>, 1 ppm Skin

General protective and hygienic measures

Keep away from foodstuff, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin.

Breathing equipment

In case of brief exposure or low pollution use respiratory filter devices. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands

The glove material has to be impermeable and resistnat to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on considration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked proir to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye Protection

Safety goggles or glasses with side shields are recommended.

## Section 9. Physical and Chemical Properties

|                                       |                                |
|---------------------------------------|--------------------------------|
| Physical State                        | Liquid                         |
| Color                                 | Blue gel                       |
| Odor                                  | Characteristic                 |
| Odor Threshold                        | Undetermined                   |
| Solubility                            | Not miscible or difficult to m |
| Partition coefficient Water/n-octanol | Undetermined                   |
| Viscosity                             | Undetermined                   |
| Specific Gravity                      | N/A                            |
| Density lbs/Gal                       | N/A                            |
| Pounds per Cubic Foot                 | N/A                            |
| Flash Point                           | Not applicable                 |
| FP Method                             | N/A                            |
| Ph                                    | Undetermined                   |
| Melting Point                         | Undetermined                   |
| Boiling Point                         | Undetermined                   |
| Boiling Range                         | Undetermined                   |
| LEL                                   | N/A                            |
| UEL                                   | N/A                            |
| Evaporation Rate                      | Undetermined                   |
| Flammability                          | N/A                            |
| Decomposition Temperature             | Undetermined                   |
| Auto-ignition Temperature             | Product is not self igniting   |
| Vapor Pressure                        | Undetermined                   |
| Vapor Density                         | Undetermined                   |

NoteThe above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

## Section 10. Stability and Reactivity

|  |   |
|--|---|
| Thermal decomposition / conditions to be avoided | No decomposition if used according to specifications. |
| Possibility of hazardous reactions               | No dangerous reactions known                          |
| Conditions to avoid                              | No further relevant information available.            |
| Incompatible materials                           | No further relevant information available.            |
| Dangerous products of decomposition              | No dangerous decomposition products known.            |

## Section 11. Toxicological Information

|   |   |
|---|---|
| LD/LC50 values that are relevant for classification | 80-15-9 dimethylbenzyl hydroperoxide Oral LD50 382 mg/kg (rat) Dermal LD50 500 mg/kg (rat) Inhalative LC50/4h 220 mg/l (rat)  |
| Primary irritant effect                             | On the skin: No irritant effect On the eye: Irritating effect   |
| Sensitizer  | No known significant effects or critical hazards.   |
| Additional toxicological information                | The product shows the following dangers according to internally approved calculation methods for preparations: Irritant   |
| Carcinogenic categories                             | IARC (International Agency for Research on Cancer) 81-07-2 1,2-benzisothiazol-3(2H)-one 1,1-dioxide Rating: 3 NTP (National Toxicology Program) None of the ingredients is listed |

## Section 12. Ecological Information

|  |  |
|--|--|
| Environmental Effects                            | Complete information is not yet available. |
| Environmental Fate and Distribution              | Complete information is not yet available. |
| Fate and Effects in Waste Water Treatment Plants | Complete information is not yet available. |

## Section 13. Disposal

|                                      |   |
|--------------------------------------|---|
| Waste treatment methods              | Must not be disposed of together with household garbage. Do not allow product to reach sewage system. |
| Recommendation                       |   |
| Uncleaned packagings Recommendations | Disposal must be according to official regulations.   |

## Section 14. Transport Information

|                         |     |
|-------------------------|-----|
| UN Number               | N/A |
| UN Proper Shipping Name | N/A |
| DOT Classification      | N/A |
| Packing Group           | N/A |
|                         |     |

|                                 |                                  |
|---------------------------------|----------------------------------|
| Ocean Shipment (IMDG)           | Not subject to IMDG code.        |
| Road Shipment Information (DOT) | Not subject to DOT regulations.  |
| Air Shipment (IATA)             | Not subject to IATA regulations. |

## Section 15. Regulatory Information

|  |   |
|--|---|
| SARA Section 313 (Specific toxic chemical listing) | 81-07-02 1,2-benzisothiazol-3(2H)-one 1,1-dioxide 80-15-9 dimethylbenzyl hydroperoxide  |
| TSCA   | All components are on the US TSCA inventory.  |
| California Proposition 65                          | This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.  |
| Carcinogenic categories                            | EPA (Environmental Protection Agency) None of the ingredients is listed. TLV (Threshold Limit Value established for Occupational Safety and Health) None of the ingredients is listed. NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients is listed. OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed. |

## Section 16. Other Information

Revision Date

11/19/2014

Disclaimer

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.