

Barristo Enterprises, Inc., dba SureHold®

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product Identifier Blue Threadlocker Medium Strength, (SH) 391, 482

Relevant identified uses of the substance or mixture and uses advised against

Intended Use: Threadlocker (medium strength)

Details of the supplier of the safety data sheet

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

| | | |
|----------|-------------------------------|-------------|
| Health | Skin corrosion/irritation | Category 2 |
| | Serious Eye damage/Irritation | Category 2A |
| Physical | Skin Sensitization | Category 1B |

Label elements:

| | |
|---|--|
| Hazard pictogram: |  GH07 |
| Single word: | Warning |
| Emergency Overview: | Causes skin irritation Causes serious eye irritation May cause allergic skin reaction |
| Precautionary Statement - Prevention | Avoid breathing dust/fume/gas/mist/vapors/spray Wear protective gloves Wear eye protection / face protection Wash thoroughly after handling |
| Precautionary Statement – Response | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. |
| Precautionary Statement – Disposal | Dispose of contents/container to an approved waste disposal plant according to local regulations. |

POTENTIAL HEALTH EFFECTS

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|----------------------------|-------------------------------------|
| EYES: | Causes serious eye irritation |
| SKIN: | Causes skin irritation |
| SKIN SENSITIZATION: | May cause an allergic skin reaction |
| OTHER HAZARDS: | Results of PBT and vPvB assessment |
| | PBT: not applicable |
| | vPvB: not applicable |

3. COMPOSITION / INFORMATION ON INGREDIENTS

General chemical description: Mixture of the substances listed below with nonhazardous ingredients

| Chemical Name | CAS-No | Weight - % |
|------------------------------------|------------|------------|
| Polyglycol dioctanoate | 18268-70-7 | 20-30% |
| Hydroxypropyl methacrylate | 27813-02-1 | 5-10% |
| Synthetic amorphous silica (fumed) | 67762-90-7 | 1-5% |
| Cumene hydroperoxide | 80-15-9 | 1-5% |
| Saccharin | 128-44-9 | 1-5% |

4. FIRST AID MEASURES**Description of first aid measures**

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|--------------------|---|
| General advice | If symptoms persist, call a physician. |
| Inhalation: | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of unconsciousness place patient stably in side position for transportation. Supply fresh air; consult doctor in case of complaints. |
| Skin contact: | IF ON SKIN: Immediately wash with water and soap, rinse thoroughly. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| Eye contact: | IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Do not attempt to pull apart bonded eyelid. Seek medical attention. |
| Ingestion: | If symptoms persist consult doctor. |
| Notes to Physician | Most important symptoms and effects, both acute and delayed: No further relevant information available. Indication of any immediate medical attention and special treatment needed: No further relevant information available. |

5. FIRE FIGHTING MEASURES**Extinguishing media**

Suitable extinguishing media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire-fighting measures that suit the environment.

Explosion Hazards: No further relevant information available.

Advice for firefighters Wear self-contained respiratory protective device. Wear fully protective suit.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Wear protective clothing.

Environmental precautions

Do not allow to enter sewers, surface or ground water.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Dispose of the collected material according to regulations.

Reference to other sections

For safe handling, see Section 7. For personal protection equipment, see Section 8. For disposal information,

see Section 13.

7. HANDLING AND STORAGE

- Handling:** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. No special precautions are necessary if used correctly.
- 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 closed. Store in cool, dry conditions in well-sealed receptacles.
- Specific end use(s):** No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters**

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|---------------------------------|--|--|--|
| Chemical Name | WEEL | | |
| Cumene hydroperoxide 80-15-9 | Long-term value: 6 mg/ m ³ , 1ppm Skin | | |

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

- Appropriate Engineering Controls:** Keep away from foodstuffs, 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 and skin.
- Breathing Equipment:** Not required.
In case of brief exposure or low pollutions use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- Eye/Face protection:** Tightly sealed goggles.
- Skin and body protection:** Wear protective gloves. Suitable material: Nitrile rubber, NBR.
Wear protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

- Physical state:** Liquid
- Appearance:** Blue
- Odor:** Characteristic
- Odor threshold:** Not determined.
- pH:** Not determined.
- Melting point/freezing point:** Undetermined.
- Initial boiling point and boiling range:** 200°C (392°F)
- Flash point:** 95°C (203°F)
- Evaporation rate:** Not determined.
- Flammability:** Not applicable
- Vapor Pressure:** Not determined.
- Density at 20°C (68°F):** 1.06 g.cm³ (8.846 lbs/gal)
- Vapor Density:** Not determined.
- Relative Density:** Not determined.
- Solubility in Water:** No miscible or difficult to mix.

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|----------------------------|---|
| Partition coefficient: | Not determined. |
| Auto-ignition temperature: | Product is not self-igniting. |
| Decomposition temperature: | Not determined. |
| Viscosity: | Dynamic: Not determined Kinematic: Not determined. |
| Explosive properties: | Product does not present an explosion hazard. |
| Explosion limits: Upper: | Not determined. |
| Explosion limits: Lower: | Not determined. |
| Solvent content: | |
| Organic solvents: | 0.4% |
| Water: | 1.1% |
| VOC content: | 0.4% (4.4 g/l / 0.04 lb/gal) |
| Solids: | 87.1% |
| Other information | No further relevant information available. |

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability

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.

Hazardous decomposition products

Aldehyde, Hydrocarbons, Carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact Irritating effect.

Skin contact Irritant to skin and mucous membranes.

| Chemical Name CAS-No | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------------------|------------------|--------------------|--------------------|
| Polyglycol dioctanoate 18268-70-7 | 2500 mg/kg (Rat) | ---- | ---- |
| Saccharin 128-44-9 | 1280 mg/kg (Rat) | ---- | ---- |
| Cumene hydroperoxide 80-15-9 | 382 mg/kg (Rat) | 500 mg/kg (Rabbit) | 200 mg/l (Rat) 4 h |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization Sensitization possible through skin contact.

Additional toxicological information: This product shows the following dangers to internally approved calculation methods for preparations: Irritant

Carcinogenic categories:

IARC (International Agency for Research on Cancer): None of the ingredients is listed.

NTP (National Toxicology Program): None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.

12. ECOLOGICAL INFORMATION

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|--|-----------------------------------|--|
| Toxicity: | Aquatic toxicity: | No further relevant information available. |
| Persistence and degradability: | | No further relevant information available. |
| Behavior in environmental systems: | | |
| | Bioaccumulative potential: | No further relevant information available. |
| | Mobility in soil: | No further relevant information available. |
| Additional ecological information: | General Notes: | Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. |
| Results of PBT and vPvB assessment: | | PBT: Not applicable. vPvB: Not applicable. |
| Other adverse effects: | | No further relevant information available. |

13. DISPOSAL CONSIDERATIONS

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|---------------------------|---|
| Disposal of wastes | Must not be disposed of together with household garbage. Do not allow product to reach sewage system. |
| Uncleaned package: | Disposal must be made according to official regulations. |

14. TRANSPORT INFORMATION

DOT

| | |
|------------------------------|----------------|
| UN/ID No.: | Not regulated. |
| Proper shipping name: | Not regulated. |
| Hazardous Class: | Not regulated. |
| Packaging Group: | Not regulated. |

IATA

| | |
|------------------------------|----------------|
| UN/ID No.: | Not regulated. |
| Proper shipping name: | Not regulated. |
| Hazardous Class: | Not regulated. |
| Packaging Group: | Not regulated. |

IMGD

| | |
|------------------------------|----------------|
| UN/ID No.: | Not regulated. |
| Proper shipping name: | Not regulated. |
| Hazard Class: | Not regulated. |
| Packaging Group: | Not regulated. |
| Marine Pollutant: | No |

15. REGULATORY INFORMATION

Sara 355 (extremely hazardous substances):

None of the ingredients is listed

Sara 313 (Specific toxic chemical listing):

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372: Cumene hydroperoxide, ethylene glycol.

TSCA (Toxic Substances Control Act):

Polyethylene glycol dimethacrylate

Polyglycol dioctanoate
 Hydroxypropyl methacrylate
 Synthetic amorphous silica (fumed)
 Saccharin
 Cumene hydroperoxide
 Propylene glycol
 2'-phenylacetohydrazide
 1,4-naphthoquinone
 Deionized water

California Proposition 65:

This product does not contain and Proposition 65 chemicals.

EPA (Environmental Protection Agency):

None of the ingredients is listed

TLV (Threshold Limit Value established by ACGIH):

None of the ingredients is listed

NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients is listed.

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

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| 16. OTHER INFORMATION |
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|------|------------------|----------------|--------------------|-----------------------|
| NFPA | Health hazards 1 | Flammability 1 | Reactivity 0 | --- |
| HMIS | Health hazards 1 | Flammability 1 | Physical hazards 0 | Personal protection B |

NFPA (National Fire Protection Association)
 HMIS (Hazardous Material Information System)

Further information This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties. Substances have been classified in accordance with Regulation (EC) 1272/2008 (CLP).