

# Material Safety Data Sheet

## Sport Prep

### 1. Product and company identification

|                      |   |                             |                                      |
|----------------------|---|-----------------------------|--------------------------------------|
| <b>Product name</b>  | Sport Prep  | <b>In case of emergency</b> | 1-800-843-6174                       |
| <b>Code</b>          | 425SF   | <b>Validation date</b>      | 7/1/2013.                            |
| <b>Material uses</b> | Combination floor cleaner and restorer  | <b>Print date</b>           | 7/1/2013.                            |
| <b>Manufacturer</b>  | Essential Industries, Inc.<br>P.O. Box 12<br>Merton, WI 53056-0012<br>Phone: 262-538-1122 | <b>Responsible name</b>     | <b>Regulatory Affairs Department</b> |

#### Hazardous Material Information System (U.S.A.)

|                     |   |                   |
|---------------------|---|-------------------|
| Health              | 1 | HAZARD RATING     |
| Flammability        | 2 | 4 = Extreme       |
| Physical hazards    | 0 | 3 = High          |
| Personal protection | B | 2 = Moderate      |
|                     |   | 1 = Slight        |
|                     |   | 0 = Insignificant |

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

### 2. Hazards identification

|                           |  |
|---------------------------|--|
| <b>Emergency overview</b> | <b>WARNING!</b><br>COMBUSTIBLE. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA. Harmful if swallowed. Severely irritating to the eyes and skin. May cause respiratory tract irritation.<br>Keep away from heat, sparks and flame. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. |
|---------------------------|--|

#### Potential acute health effects due to overexposure

|                   |   |
|-------------------|---|
| <b>Inhalation</b> | May cause respiratory irritation. Inhalation of high concentrations of vapor may affect the central nervous system.             |
| <b>Ingestion</b>  | Harmful if swallowed.   |
| <b>Skin</b>       | Severely irritating to the skin. May be absorbed through skin with prolonged or repeated contact. May cause skin sensitization. |
| <b>Eyes</b>       | Severely irritating to eyes. Risk of serious damage to eyes.  |

#### Potential chronic health effects due to overexposure

|                              |   |
|------------------------------|---|
| <b>Carcinogenicity</b>       | Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure. |
| <b>Mutagenicity</b>          | No known significant effects or critical hazards.   |
| <b>Teratogenicity</b>        | No known significant effects or critical hazards.   |
| <b>Developmental effects</b> | No known significant effects or critical hazards.   |
| <b>Fertility effects</b>     | No known significant effects or critical hazards.   |

See toxicological information (section 8)

### 3. Composition/information on ingredients

| <b>Name</b>                | <b>CAS number</b> | <b>%</b> |
|----------------------------|-------------------|----------|
| (R)-p-mentha-1,8-diene     | 5989-27-5         | 5 - 10   |
| Coconut oil diethanolamide | 68603-42-9        | 1 - 5    |
| Isopropyl alcohol          | 67-63-0           | 1 - 5    |
| potassium hydroxide        | 1310-58-3         | 1 - 5    |

#### SARA 313 (Form R - Reporting requirements)

| <b>Product name</b> | <b>CAS number</b> | <b>Concentration</b> |
|---------------------|-------------------|----------------------|
| Isopropyl alcohol   | 67-63-0           | 2.9                  |

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

#### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

| <b>Ingredient name</b>     | <b>Cancer</b> | <b>Reproductive</b> | <b>No significant risk level</b> | <b>Max acceptable dosage</b> |
|----------------------------|---------------|---------------------|----------------------------------|------------------------------|
| Coconut oil diethanolamide | Yes.          | No.                 | No.                              | No.                          |
| diethanolamine             | Yes.          | No.                 | No.                              | No.                          |

## 4. First aid measures

**Eye contact** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

**Skin contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

**Inhalation** Move exposed person to fresh air. Get medical attention if symptoms appear. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Ingestion** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Protection of first-aiders** No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

**Notes to physician** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Probable mucosal damage may contraindicate the use of gastric lavage.

## 5. Fire-fighting measures

**Flammability of the product** Combustible liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

**Extinguishing media**

**Suitable** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Special exposure hazards** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Hazardous thermal decomposition products** Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special protective equipment for fire-fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Flash point** Closed cup: 45°C (113°F) [No flash and no sustained combustion under required test conditions listed in 173.120.]

## 6. Control and preventive measures

**Storage** Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

| Ingredient          | Exposure limits   |
|---------------------|---|
| isopropyl alcohol   | <b>OSHA PEL (United States, 6/2010).</b><br>TWA: 400 ppm 8 hour(s).<br>TWA: 980 mg/m <sup>3</sup> 8 hour(s).<br><b>ACGIH TLV (United States, 3/2012).</b><br>TWA: 200 ppm 8 hour(s).<br>STEL: 400 ppm 15 minute(s).<br><b>OSHA PEL 1989 (United States, 3/1989).</b><br>TWA: 400 ppm 8 hour(s).<br>TWA: 980 mg/m <sup>3</sup> 8 hour(s).<br>STEL: 500 ppm 15 minute(s).<br>STEL: 1225 mg/m <sup>3</sup> 15 minute(s).<br><b>NIOSH REL (United States, 6/2009).</b><br>TWA: 400 ppm 10 hour(s).<br>TWA: 980 mg/m <sup>3</sup> 10 hour(s).<br>STEL: 500 ppm 15 minute(s).<br>STEL: 1225 mg/m <sup>3</sup> 15 minute(s). |
| potassium hydroxide | <b>OSHA PEL 1989 (United States, 3/1989).</b><br>CEIL: 2 mg/m <sup>3</sup><br><b>ACGIH TLV (United States, 3/2012).</b><br>C: 2 mg/m <sup>3</sup><br><b>NIOSH REL (United States, 6/2009).</b><br>TWA: 2 mg/m <sup>3</sup> 10 hour(s).  |

**Personal protection**

**Respiratory** None required with adequate ventilation. In situations where respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

**Hands** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Skin** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## 6. Control and preventive measures

**Eyes** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

**Methods for cleaning up**

**Small spill** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

**Waste disposal** Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 7. Physical and chemical properties

|                       |             |                                   |                    |
|-----------------------|-------------|-----------------------------------|--------------------|
| <b>Physical state</b> | Liquid      | <b>Boiling/condensation point</b> | 100°C (212°F)      |
| <b>Color</b>          | Amber       | <b>Melting/freezing point</b>     | 0°C (32°F)         |
| <b>Odor</b>           | Citrus      | <b>Vapor pressure</b>             | <4 kPa (<30 mm Hg) |
| <b>pH</b>             | 11 - 12.5   | <b>Vapor density</b>              | <1 [Air = 1]       |
| <b>1% pH:</b>         | 8.7         | <b>Weight per Gallon:</b>         | 8.30 lbs./gal.     |
| <b>VOC *</b>          | 9.7 % (w/w) | <b>Specific Gravity:</b>          | 0.99 gm/ml         |

\* Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 8. Toxicological information

**Acute toxicity**

| <b>Product/ingredient name</b> | <b>Result</b>        | <b>Species</b> | <b>Dose</b> | <b>Exposure</b> |
|--------------------------------|----------------------|----------------|-------------|-----------------|
| (R)-p-mentha-1,8-diene         | LD50 Dermal          | Rabbit         | >5000 mg/kg | -               |
|                                | LD50 Intraperitoneal | Rat            | 3600 mg/kg  | -               |
|                                | LD50 Intravenous     | Rat            | 110 mg/kg   | -               |
|                                | LD50 Oral            | Rat            | 4400 mg/kg  | -               |
|                                | LDLo Subcutaneous    | Rat            | 30200 mg/kg | -               |
| Coconut oil diethanolamide     | LD50 Oral            | Rat            | 12400 µL/kg | -               |
| Isopropyl alcohol              | LD50 Dermal          | Rabbit         | 12800 mg/kg | -               |
|                                | LD50 Intraperitoneal | Rat            | 2735 mg/kg  | -               |
|                                | LD50 Intravenous     | Rat            | 1088 mg/kg  | -               |
|                                | LD50 Oral            | Rat            | 5045 mg/kg  | -               |
|                                | LD50 Oral            | Rat            | 5000 mg/kg  | -               |
|                                | TDLo Intraperitoneal | Rat            | 800 mg/kg   | -               |
|                                | LC50 Inhalation Gas. | Rat            | 16000 ppm   | 8 hours         |
|                                | LD50 Oral            | Rat            | 273 mg/kg   | -               |

potassium hydroxide  
**Conclusion/Summary** Not available

**Chronic toxicity**  
**Conclusion/Summary** Not available

## 9. Transport information

| Regulatory Information | UN number     | Proper shipping name | Classes | PG* | Label | Additional Information |
|------------------------|---------------|----------------------|---------|-----|-------|------------------------|
| DOT Classification     | Not regulated | -                    | -       | -   |       | -                      |

PG\* : Packing group