

## Material Safety Data Sheet

**DASH Bag in a Box Part B (2)**

**MSDS No. 318198**

Revision Date: 05/01/10

Revision: 001

### Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** DASH Bag in a Box Part B (2)  
**Chemical Formula:** Polyol Blend  
**CAS Number:** Blend  
**Manufacturer:** Versico, PO Box 1289, Carlisle, PA, 17013 Phone: 800-992-7663  
**Emergency Phone Number:** CHEMTREC (800) 424-9300

### Section 2 - Hazards Identification

☆☆☆☆☆ **Emergency Overview** ☆☆☆☆☆  
**Warning – Combustible liquid**  
**Warning – Causes mild skin irritation**  
**Warning – Causes eye irritation**

#### Potential Health Effects

**Primary Entry Routes:** Skin, Respiratory Tract  
**Acute Effects**  
**Eye:** Minor irritation and reddening  
**Skin:** Irritation  
**Carcinogenicity:** IARC, NTP, and OSHA do not list any components as a carcinogen

<b>HMIS</b>
<b>H</b> 2
<b>F</b> 1
<b>R</b> 1
<b>PPE</b> <sup>†</sup>
<sup>†</sup> Sec. 8

### Section 3 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol					
Silicone Surfactant	mixture	1-5					
Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Silicone Surfactant	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.

### Section 4 - First Aid Measures

**Inhalation:** Remove to fresh air if effects occur. If not breathing, administer artificial respiration. If difficulty in breathing, assist with oxygen. Consult a physician.  
**Eye Contact:** Irrigate with water for 15 minutes. Seek medical attention  
**Skin Contact:** Wash with soap and water thoroughly.  
**Ingestion:** Give 1 or 2 glasses of water or milk. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician for medical advice. Remove by gastric suction.  
*After first aid, get appropriate in-plant, paramedic, or community medical support.*

### Section 5 - Fire-Fighting Measures

**Flash Point:** >200°F (>93°C)  
**Flash Point Method:** COC  
**LEL:** Not Established  
**UEL:** Not Established  
**Extinguishing Media:** Use water, foam, CO<sub>2</sub>, or dry chemical  
**Unusual Fire or Explosion Hazards:** Under fire conditions, containers may build up pressure and possibly rupture.  
**Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide, Hydrogen Halides, and Phosphorus oxides  
**Fire-Fighting Instructions:** Under fire conditions, containers may build up pressure and possibly rupture.  
**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure-demand or positive-pressure mode.

## Section 6 - Accidental Release Measures

### Spill /Leak Procedures:

#### Large Spills

**Containment:** For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120) and local, state, and federal regulations.

## Section 7 - Handling and Storage

**Storage Requirements:** Store away from oxidizers, strong acids, strong bases and isocyanates.

## Section 8 - Exposure Controls / Personal Protection

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

**Protective Clothing/Equipment:** Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Appearance and Odor:** Brownish color with a musty odor

**Vapor Pressure:** Not established

**Vapor Density (Air=1):** Not established

**Formula Weight:** Not established

**Density:** Not established

**Specific Gravity (H<sub>2</sub>O=1, at 21°C):** Not Established

**pH:** Not established

**Water Solubility:** Miscible

**Boiling Point:** >300F

**Freezing/Melting Point:** Not established

**Evaporation Rate:** Not established

**VOC (gpl):** 0 g/L

**Flash Point:** >200°F (>93°C)

**Flash Point Method:** COC

**LEL:** Not Established

**UEL:** Not Established

## Section 10 - Stability and Reactivity

**Stability:** Stable at room temperature in closed containers under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur under normal handling conditions.

**Chemical Incompatibilities:** Strong oxidants

**Conditions to Avoid:** Extreme heat

**Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide, Hydrogen Halides, and Phosphorous Oxides under fire conditions.

**Section 11- Toxicological Information****Toxicity Data:****Eye Effects:** Minor irritation and reddening**Acute Inhalation Effects:** Minor Irritation**Skin Effects:** Irritation**Acute Oral Effects:** Not Established**Chronic Effects:** Not Established**Carcinogenicity:** Not Established**Section 12 – Ecological Information****Ecotoxicity:** Not Available**Environment Fate****Environmental Transport:** Not Available**Environmental Degradation:** Not Available**Soil Absorption / Mobility:** Not Available**Section 13 - Disposal Considerations****Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.**Disposal Regulatory Requirements:** Dispose of by incinerating according to local, state, and federal regulations.**Section 14 – Transportation Information**

Non-Regulated

**Section 15 - Regulatory Information****EPA Regulations:**

SARA Toxic Chemical (40 CFR 372.65): None

**Section 16 - Other Information****Prepared By:** Research and Development**Revision Notes:** GHS Revisions.**Disclaimer:** The information contained in this document is based upon data that was supplied to Versico by other companies and organizations. No warranty of merchantability or fitness for a particular purpose is expressed or implied regarding the accuracy or completeness of the data and/or information in this material safety data sheet.