



Biomeme

BIOMEME, INC. Safety Data Sheet

BDW - Biomeme Drying Wash

SECTION 1: Identification

1.1 Product identifier

Product name	BDW - Biomeme Drying Wash
Brand	Biomeme, Inc.

1.2 Supplier's details

Name:	Biomeme, Inc.
Address:	401 N. Broad Street Suite 222 Philadelphia, PA 19108 USA
Telephone:	267-930-7707
Email:	support@biomeme.com
Emergency Number:	+1 703-741-5970
Emergency Information:	ChemTrec 2900 Fairview Park Drive, Falls Church, VA 22042 USA

SECTION 2: Hazard identification

General hazard statement

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Flammable liquids, Cat. 2
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, dermal, Cat. 3
- Acute toxicity, oral, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word**Danger****Hazard statement(s)**

H225

Highly flammable liquid and vapor

H226

Flammable liquid and vapor

H301

Toxic if swallowed

H311

Toxic in contact with skin

H314

Causes severe skin burns and eye damage

H318

Causes serious eye damage

H319

Causes serious eye irritation

H330

Fatal if inhaled

H331

Toxic if inhaled

H370

Causes damage to organs

Precautionary statement(s)

P210

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233

Keep container tightly closed.

P240

Ground/bond container and receiving equipment.

P241

Use explosion-proof electrical/ventilating/lighting/equipment.

P242

Use only non-sparking tools.

P243

Take precautionary measures against static discharge.

P260

Do not breathe dust/fume/gas/mist/vapors/spray.

P261

Avoid breathing dust/fume/gas/mist/vapors/spray.

P264

Wash skin thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P271

Use only outdoors or in a well-ventilated area.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P284

[In case of inadequate ventilation] wear respiratory protection.

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

P301+P330+P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352

IF ON SKIN: Wash with plenty of water and soap.

P303+P361+P353

IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water/shower.

P304+P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P308+P311

IF exposed or concerned: Call a POISON CENTER/doctor/physician.

P310

Immediately call a POISON CENTER/doctor/physician.

P311

Call a POISON CENTER/doctor/physician.

P312

Call a POISON CENTER/doctor/physician if you feel unwell.

P320

Specific treatment is urgent (see first aid measures on this label).

P321

Specific treatment (see first aid measures on this label).

P330

Rinse mouth.

P337+P313

If eye irritation persists: Get medical advice/attention.

P361+P364

Take off immediately all contaminated clothing and wash it before reuse.

P363

Wash contaminated clothing before reuse.

P370+P378

In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

P403+P233

Store in a well-ventilated place. Keep container tightly closed.

P403+P235

Store in a well-ventilated place. Keep cool.

P405

Store locked up.

P501

Dispose of contents/container in accordance with local, regional, national and international regulations.

2.3 Other hazards which do not result in classification

Slip hazard from spills

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous components

1. Component 1 (trade secret)*

Concentration 0 - 100 % (volume)

- Flammable liquids, Cat. 2

- Acute toxicity, inhalation, Cat. 3

- Acute toxicity, dermal, Cat. 3

- Acute toxicity, oral, Cat. 3

- Specific target organ toxicity (single exposure), Cat. 1

H225 Highly flammable liquid and vapor

H301 Toxic if swallowed

H311 Toxic in contact with skin

H331 Toxic if inhaled

H370 Causes damage to organs [organs, route]

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include burning pain in the nose and throat, coughing, wheezing, shortness of breath and pulmonary edema.

In case of skin contact Immediately take off all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse.

In case of eye contact Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

If swallowed Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Never give anything by mouth to an unconscious person. Acute and delayed symptoms and effects: Harmful if swallowed. Causes burns to nose, mouth, throat, and digestive tract. Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea, blood in the feces and/or vomitus may also be seen.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Carbon oxides

5.3 Special protective actions for fire-fighters

Avoid any skin contact. Effects of contact or inhalation may be delayed. Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

Further information

Use water spray to cool unopened containers. Spills produce extremely slippery surfaces.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Warning: Do not touch or walk through spilled material. Spills can create very slippery surfaces. Wear respiratory protection if necessary. Avoid breathing gas, mist, vapors, or spray. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

Do not contaminate water.

6.3 Methods and materials for containment and cleaning up

Stop leak if you can do it without risk. Sweep up and shovel into suitable containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Surfaces are very slippery from this product. Do not swallow. Do not breathe mist, vapors, or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. See Section 8 for information on Personal Protective Equipment.

7.2 Conditions for safe storage, including any incompatibilities

Freezing will adversely affect the quality of the product. Store locked up. Keep away from heat and sources of ignition. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****1. Component 1 (trade secret)***

PEL-TWA (Inhalation): 200 ppm, 260 mg/m³ (OSHA)

Headache. Nausea. Dizziness. Eye damage Substances for which there is a Biological Exposure Index or Indices
Danger of cutaneous absorption

PEL-TWA (Inhalation): 200 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (Cal/OSHA) PEL-C (Inhalation): 1000 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (NIOSH)

REL-TWA (Inhalation): 200 ppm (NIOSH) TLV® (Inhalation): 200 ppm (ACGIH) TLV® (Inhalation): 250 ppm (ST)
(ACGIH)

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment**(PPE)Pictograms****Eye/face protection**

Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Ensure that eyewash stations and/or safety showers are close to the workstation location if working with concentrated product.

Skin protection

Wear protective gloves, such as PVC or other plastic material. Consult manufacturer specifications for further information.

Body protection

Wear protective clothing. Clothing with full length sleeves and pants should be worn. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Appearance/form (physical state, color, etc.)	Colorless liquid
Odor	No data available.
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information

No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

Contact with incompatible materials. Sources of ignition. Exposure to heat.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

SECTION 11: Toxicological information**Information on toxicological effects****Acute toxicity**

LD50 Oral - Rat - 1,187 - 2,769 mg/kg

LD50 Skin - Rabbit - 17,100 mg/kg

LD50 Inhalation - Rat - 128.2 mg/l - 4 h

LD50 Inhalation - Rat - 87.6 mg/l - 6 h ATE (dermal) of mixture: 300 mg/kg

ATE (inhalation, dust/mist) of mixture: 0.5 mg/l ATE (inhalation, gaseous) of mixture: 700 ppmvATE (oral) of mixture: 100 mg/kg

Skin corrosion/irritation

LD50 Skin - Rabbit - 17,100 mg/kg

Respiratory or skin sensitization

LD50 Inhalation - Rat - 128.2 mg/l - 4 hLD50 Inhalation - Rat - 87.6 mg/l - 6 h

Germ cell mutagenicity

No data available.

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Additional information

No data available.

SECTION 12: Ecological information**Toxicity**

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product

Mobility in soil

No data available on product

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

SECTION 13: Disposal considerations**Disposal of the product**

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information**DOT (US)**

UN Number: Not regulated.

Class: Not regulated.

Packing Group: Not regulated.

Proper Shipping Name: Not regulated.

Reportable quantity (RQ): Not regulated.

Marine pollutant: Not regulated.

Poison inhalation hazard: Not regulated.

Special precautions for user: This material is exempted from dangerous goods labeling and documentation requirements per ADR 3.5.1.4, IATA 2.6.10 and IMDG 3.5.1.4**IMDG**

UN Number: Not regulated.

Class: Not regulated.

Packing Group: Not regulated.

EMS Number: Not regulated.

Proper Shipping Name: Not regulated.

Special precautions for user: This material is exempted from dangerous goods labeling and documentation requirements per ADR 3.5.1.4, IATA 2.6.10 and IMDG 3.5.1.4**IATA**

UN Number: Not regulated.

Class: Not regulated.

Packing Group: Not regulated.

Proper Shipping Name: Not regulated.

Special precautions for user: This material is exempted from dangerous goods labeling and documentation requirements per ADR 3.5.1.4, IATA 2.6.10 and IMDG 3.5.1.4

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations specific for the product in question****SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Acute Health Hazard

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Massachusetts Right To Know Components

CAS number: 67-56-1

New Jersey Right To Know Components

CAS number: 67-56-1

California Prop. 65 Components

State of California to cause birth defects or other reproductive harm. CAS number: 67-56-1

Pennsylvania Right To Know Components

CAS number: 67-56-1

California Prop. 65 components

CAS number: 67-56-1

SECTION 16: Other information**16.1 Further information/disclaimer**

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Biomeme, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Biomeme, Inc. has been advised of the possibility of such damages.