

Bounce Synthetic Gym Floor Finish

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date: 04/15/2015

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Bounce Synthetic Gym Floor Finish
Product code : 155-9350

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

Use of the substance/mixture : Floor seal products

1.3. Details of the supplier of the safety data sheet

American Cleaning Solutions
39-30 Review Avenue
Long Island City, NY 11101
T (718) 392-8080

1.4. Emergency telephone number

Emergency number : INFOTRAC: 800-535-5053

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification (GHS-US) |
|------------------------|--------------------|----------------|--|
| 1-methyl-2-pyrrolidone | (CAS No) 872-50-4 | 1.553 - 2.3295 | Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.
Hand protection : Wear protective gloves/eye protection/face protection protective gloves.
Eye protection : Chemical goggles or safety glasses.
Respiratory protection : Wear appropriate mask.
Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

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| | |
|---|---|
| Color | : milky |
| Odor | : Acrylic |
| Odor threshold | : No data available |
| pH | : 9 |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : 212 °F |
| Flash point | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Vapor pressure | : No data available |
| Relative density | : 1.035 |
| Relative vapor density at 20 °C | : Same as water |
| Solubility | : Soluble in water. Water: Solubility in water of component(s) of the mixture : • : 0.1 g/100ml • : 11.2 g/100ml • : 100 g/100ml • : > 1000 g/l |
| Log Pow | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| 1-methyl-2-pyrrolidone (872-50-4) | |
|-----------------------------------|---|
| LD50 oral rat | 3914 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 4150 mg/kg bodyweight; Rat; Experimental value) |
| ATE US (oral) | 3914.000 mg/kg body weight |

Skin corrosion/irritation : Not classified
pH: 9

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| | |
|---|---|
| Serious eye damage/irritation | : Not classified pH: 9 |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

SECTION 12: Ecological information

12.1. Toxicity

| 1-methyl-2-pyrrolidone (872-50-4) | |
|-----------------------------------|---|
| LC50 fish 1 | 3048 mg/l (LC50; 96 h; Salmo gairdneri) |
| EC50 Daphnia 1 | 4897 mg/l (EC50; 48 h; Daphnia magna) |
| Threshold limit algae 1 | > 500 mg/l (EC50) |
| Threshold limit algae 2 | 600.5 mg/l (EC50; DIN 38412-9; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Experimental value) |

12.2. Persistence and degradability

| Bounce Synthetic Gym Floor Finish | |
|-----------------------------------|------------------|
| Persistence and degradability | Not established. |

| 1-methyl-2-pyrrolidone (872-50-4) | |
|-----------------------------------|--|
| Persistence and degradability | Readily biodegradable in water. Inherently biodegradable. Biodegradable in the soil. Highly mobile in soil. Photodegradation in the air. |
| Biochemical oxygen demand (BOD) | 1.07 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 1.56 g O ₂ /g substance |
| ThOD | 1.9 g O ₂ /g substance |
| BOD (% of ThOD) | 0.56 |

12.3. Bioaccumulative potential

| Bounce Synthetic Gym Floor Finish | |
|-----------------------------------|------------------|
| Bioaccumulative potential | Not established. |

| 1-methyl-2-pyrrolidone (872-50-4) | |
|-----------------------------------|---|
| Log Pow | -0.73 - -0.46 (Experimental value; Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method) |
| Bioaccumulative potential | Not bioaccumulative. |

12.4. Mobility in soil

| 1-methyl-2-pyrrolidone (872-50-4) | |
|-----------------------------------|--|
| Surface tension | 0.407 N/m |
| Log Koc | Koc,20.94; Calculated value; log Koc; 1.32; Calculated value |

12.5. Other adverse effects

| | |
|------------------------------|--|
| Effect on the global warming | : No known ecological damage caused by this product. |
| Other information | : Avoid release to the environment. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--------------------------------|---|
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
|--------------------------------|---|

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Ecology - waste materials

: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

1-methyl-2-pyrrolidone (872-50-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on United States SARA Section 313

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

1-methyl-2-pyrrolidone (872-50-4)

| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
|---|---|---|---|-----------------------------------|
| No | Yes | No | No | |

SECTION 16: Other information

Revision date : 04/15/2015

Other information : None.

Full text of H-phrases:

| | |
|---------------|---|
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Flam. Liq. 4 | Flammable liquids Category 4 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| H227 | Combustible liquid |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |

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HMIS III Rating

| | |
|---------------------|---|
| Health | : 1 Slight Hazard - Irritation or minor reversible injury possible |
| Flammability | : 0 Minimal Hazard - Materials that will not burn |
| Physical | : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives. |
| Personal Protection | : B B - Safety glasses, Gloves |

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product