

Nature's Miracle Advanced Dog Stain and Odor Foam Aerosol

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixtures
Product name : Nature's Miracle Advanced Dog Stain and Odor Foam Aerosol
Product code : No data available

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

Recommended use : Stain-remover, Odor eliminator

1.3. Details of the supplier of the safety data sheet

Manufacturer

United Pet Group, a division of Spectrum Brands, Inc.
3001 Commerce St.
Blacksburg, V 24060
T 800-342-3449

Distributor

Spectrum Brands Canada, Inc.
255 Longside Drive
Mississauga, ON L5W1L8 - Canada
T 800-566-7899

1.4. Emergency telephone number

Emergency number : CHEMTREC (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS classification

Press. Gas (Diss.)

2.2. Label elements

GHS labelling

Hazard pictograms (GHS) :



GHS04

Signal word (GHS) : Warning
Hazard statements (GHS) : Contains gas under pressure; may explode if heated
Precautionary statements (GHS) : Protect from sunlight. Store in a well-ventilated place

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixtures

| Name | Product identifier | % |
|-------------------|--------------------|-----|
| Isobutane | (CAS No) 75-28-5 | 4.5 |
| Isopropyl alcohol | (CAS No) 67-63-0 | 4.0 |

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact : If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

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- First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
- First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

- Symptoms/injuries after inhalation : May cause respiratory tract irritation.
- Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Treat for surrounding material.
- Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon.
- Danger d'explosion : La chaleur peut provoquer une pressurisation et l'éclatement des conteneurs clos, propageant le feu et augmentant le risque de brûlures/blessures.
- Reactivity : No dangerous reaction known under conditions of normal use.

5.3. Advice for firefighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning up : Scoop up material and place in a disposal container. Provide ventilation.

6.4. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
- Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Store in a dry, cool and well-ventilated place.
- Incompatible materials : Direct sunlight.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Isobutane (75-28-5) | | |
|-----------------------------|---------------------------------------|------------------------|
| ACGIH | ACGIH STEL (ppm) | 1000 ppm |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 1900 mg/m ³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 800 ppm |
| Isopropyl alcohol (67-63-0) | | |
| ACGIH | ACGIH TWA (ppm) | 200 ppm |
| ACGIH | ACGIH STEL (ppm) | 400 ppm |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 980 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 400 ppm |
| IDLH | US IDLH (ppm) | 2000 ppm (10% LEL) |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 980 mg/m ³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 400 ppm |
| NIOSH | NIOSH REL (STEL) (mg/m ³) | 1225 mg/m ³ |
| NIOSH | NIOSH REL (STEL) (ppm) | 500 ppm |

8.2. Exposure controls

| | |
|----------------------------------|--|
| Appropriate engineering controls | : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. |
| Hand protection | : Wear suitable gloves. |
| Eye protection | : Safety glasses or goggles are recommended when using product. |
| Skin and body protection | : Wear suitable protective clothing. |
| Respiratory protection | : In case of insufficient ventilation, wear suitable respiratory equipment. |
| Environmental exposure controls | : Maintain levels below Community environmental protection thresholds. |
| Other information | : Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------------|
| Physical state | : Liquid |
| Appearance | : Opaque liquid |
| Colour | : White to off-white |
| Odour | : Characteristic linen |
| Odour threshold | : No data available |
| pH | : 6 - 8 |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 1.004 |
| Solubility | : No data available |
| Partition coefficient n-octanol/water | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |

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| | |
|----------------------|---------------------|
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive limits | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |

9.2. Other information

| | |
|--------------------|-------------|
| Heat of combustion | : 5.68 kJ/g |
| Flame projection | : 0" / 0 cm |
| Flashback | : none |

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Heat. Direct sunlight.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|-------------------|
| Acute toxicity (oral) | : Not classified. |
| Acute toxicity (dermal) | : Not classified. |
| Acute toxicity (inhalation) | : Not classified. |

| Nature's Miracle Stain and Odor Remover | |
|---|---|
| LD50 oral rat | > 2000 mg/kg (Calculated Acute Toxicity Estimate) |
| LD50 dermal rat | > 2000 mg/kg (Calculated Acute Toxicity Estimate) |
| LC50 inhalation rat | > 5 mg/l/4h (Calculated Acute Toxicity Estimate) |

| Isobutane (75-28-5) | |
|---------------------|-------------|
| LC50 inhalation rat | 658 mg/l/4h |

| Isopropyl alcohol (67-63-0) | |
|-----------------------------|--|
| LD50 oral rat | 1870 mg/kg |
| LD50 dermal rabbit | 4059 mg/kg |
| LC50 inhalation rat | 72600 mg/m ³ (Exposure time: 4 h) |

| | |
|-----------------------------------|-------------------|
| Skin corrosion/irritation | : Not classified. |
| Serious eye damage/irritation | : Not classified. |
| Respiratory or skin sensitization | : Not classified. |
| Germ cell mutagenicity | : Not classified. |
| Carcinogenicity | : Not classified. |

| Isopropyl alcohol (67-63-0) | |
|-----------------------------|----------------------|
| IARC group | 3 - Not classifiable |

| | |
|--|-------------------|
| Reproductive toxicity | : Not classified. |
| Specific target organ toxicity (single exposure) | : Not classified. |

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Specific target organ toxicity (repeated exposure) : Not classified.
Aspiration hazard : Not classified.

| Nature's Miracle Stain and Odor Remover | |
|---|---------|
| Vaporizer | Aerosol |

Symptoms/injuries after inhalation : May cause respiratory tract irritation.
Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

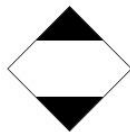
Product/Packaging disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

SECTION 14: Transport information

Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)

In accordance with DOT/TDG

UN-No.(DOT/TDG) : UN1950
Proper Shipping Name (DOT/TDG) : Aerosols; Limited Quantities
Class (DOT/TDG) : 2.2
Hazard labels (DOT/TDG) :



SECTION 15: Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

| Isopropyl alcohol (67-63-0) | |
|---|---|
| Subject to reporting requirements of United States SARA Section 313 | |
| SARA Section 313 - Emission Reporting | 1 % (only if manufactured by the strong acid process, no supplier notification) |

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15.2. International regulations

No additional information available

15.3. US State regulations

Isobutane (75-28-5)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Isopropyl alcohol (67-63-0)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Revision date : 01/09/2017

Other information : None.

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