



# SAFETY DATA SHEET

## ALUMINUM SPRAY CANS

Date: 26/07/2021

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

#### 1.1 PRODUCT IDENTIFIER:

AlShield Aluminum Bandage Spray

#### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

/Concentration in use: /

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Partnar Animal Health Inc.  
14057 Ilderton Road,  
Ilderton, ON N0M 2A0  
1-866-690-4998  
<http://www.partnaranimalhealth.com>

#### 1.4 EMERGENCY TELEPHONE NUMBER:

+1-866-690-4998

#### 1.5 Product Use:

Water-resistant aerosol bandage that creates a protective barrier against external irritant agents in wound in small and large animals.

### SECTION 2: HAZARDS IDENTIFICATION:

#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

**H222 Flam. Aerosol 1**    **H229**    **H412 Aquatic Chronic 3**

#### 2.2 LABEL ELEMENTS:

Pictograms:



Signal word:

Danger

Hazard statements:

**H222 Flam. Aerosol 1:**

Extremely flammable aerosol.

**H229:**

Pressurized container: May burst if heated

**H412 Aquatic Chronic 3:**

Harmful to aquatic life with long lasting effects.

Precautionary statements:

**P210:**

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources.  
No smoking.

**P211:**

Do not spray on an open flame or other ignition source.

**P251:**

Do not pierce or burn, even after use.

**P273:**

Avoid release to the environment.

**P410+P412:**

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

**P501:**

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

Contains: none

#### 2.3 OTHER HAZARDS:

none

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS:**

Cyclopentane	> 30%	CAS number: 287-92-3
Propane	> 30%	CAS number: 74-98-6

**SECTION 4: FIRST AID MEASURES:**

**4.1 DESCRIPTION OF FIRST AID MEASURES:**

Always ask medical advice as soon as possible should serious or continuous disturbances occur.

**Skin contact:** remove contaminated clothing, rinse with plenty of water, if necessary, seek medical attention.

**Eye contact:** first prolonged rinsing with water (contact lenses to be removed if this is easily done) then take to physician.

**Ingestion:** rinse mouth, do not induce vomiting, take to hospital immediately.

**Inhalation:** let sit upright, fresh air, rest and take to hospital.

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**

**Skin contact:** none

**Eye contact:** redness

**Ingestion:** diarrhea, headache, abdominal cramps, sleepiness, vomiting

**Inhalation:** none

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**

none

**SECTION 5: FIRE-FIGHTING MEASURES:**

**5.1 EXTINGUISHING MEDIA:**

CO2, foam, powder, sprayed water

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**

none

**5.3 ADVICE FOR FIREFIGHTERS:**

**Extinguishing agents to be avoided:** none

**SECTION 6: ACCIDENTAL RELEASE MEASURES:**

**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**

Do not walk into or touch spilled substances and avoid inhalation of fumes, smoke, dusts, and vapors by staying up wind. Remove any contaminated clothing and used contaminated protective equipment and dispose of it safely.

**6.2 ENVIRONMENTAL PRECAUTIONS:**

Do not allow to flow into sewers or open water.

**6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:**

Contain released substance, store into suitable containers. If possible, remove by using absorbent material.

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### SECTION 7: HANDLING AND STORAGE:

#### 7.1 PRECAUTIONS FOR SAFE HANDLING:

Handle with care to avoid spillage.




#### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep in a sealed container in a closed, frost-free, ventilated room.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

#### 8.1 CONTROL PARAMETERS:

#### 8.2 EXPOSURE CONTROLS:

<b>Inhalation protection:</b>	Respiratory protection is not required. Use ABEK type gas masks in case of irritating exposure. If necessary, use with sufficient exhaust ventilation.	
<b>Skin protection:</b>	Handling with nitril-gloves (EN 374). Breakthrough time: >480' Material thickness: 0,35 mm. Thoroughly check gloves before use. Take of the gloves properly without touching the outside with your bare hands. The manufacturer of the protective gloves has to be consulted about the suitability for a specific workstation. Wash and dry your hands.	
<b>Eye protection:</b>	Keep an eye-rinse bottle within reach. Tight-fitting safety goggles. Wear a face shield and protective suit in case of exceptional processing problems.	
<b>Other protection:</b>	impermeable clothing. The type of protective equipment depends on the concentration and amount of hazardous substances at the workstation in question.	

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES:

<b>Melting point/melting range:</b>	/
<b>Boiling point/Boiling range:</b>	-42 °C
<b>pH:</b>	/
<b>pH 1% diluted in water:</b>	/
<b>Vapor pressure/20°C:</b>	853 000 Pa
<b>Vapor density:</b>	not applicable
<b>Relative density, 20°C:</b>	0.6700 kg/l
<b>Appearance/20°C</b>	liquid
<b>Flash point:</b>	-39 °C
<b>Flammability (solid, gas):</b>	not applicable
<b>Auto-ignition temperature:</b>	200 °C
<b>Upper flammability or explosive limit, (Vol %):</b>	9.500 %
<b>Lower flammability or explosive limit, (Vol %):</b>	1.500 %
<b>Explosive properties:</b>	not applicable
<b>Oxidizing properties:</b>	not applicable
<b>Decomposition temperature:</b>	/
<b>Solubility in water:</b>	not soluble
<b>Partition coefficient: noctanol/water</b>	not applicable
<b>Odor:</b>	characteristic
<b>Odor threshold:</b>	not applicable
<b>Dynamic viscosity, 20°C:</b>	1 mPa.s
<b>Kinematic viscosity, 40°C:</b>	1 mm²/s
<b>Evaporation rate (n-BuAc = 1):</b>	6.000

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<b>9.2 OTHER INFORMATION:</b>	
<b>Volatile organic component (VOC):</b> <b>Volatile organic component (VOC):</b>	85.90 % 550.456 g/l
<b>SECTION 10: STABILITY AND REACTIVITY:</b>	
<b>10.1 REACTIVITY:</b>	
Stable under normal conditions.	
<b>10.2 CHEMICAL STABILITY:</b>	
Extremely high or low temperatures.	
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS:</b>	
None	
<b>10.4 CONDITIONS TO AVOID:</b>	
Protect from sunlight and do not expose to temperatures exceeding + 50°C.	
<b>10.5 INCOMPATIBLE MATERIALS:</b>	
Keep away from sources of ignition	
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS:</b>	
Doesn't decompose with normal use	
<b>SECTION 11: TOXICOLOGICAL INFORMATION:</b>	
<b>11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:</b>	
About the preparation itself: No additional data available	
<b>Calculated acute toxicity, ATE oral:</b> / <b>Calculated acute toxicity, ATE dermal:</b> /	
Cyclopentane	LD50 oral, rat: ≥ 5,000 mg/kg LD50 dermal, rabbit: ≥ 5,000 mg/k LC50, Inhalation, rat, 4h: ≥ 50 mg/l
Propane	LD50 oral, rat: ≥ 5,000 mg/kg LD50 dermal, rabbit: ≥ 5,000 mg/kg LC50, Inhalation, rat, 4h: ≥ 50 mg/l
<b>SECTION 12: ECOLOGICAL INFORMATION:</b>	
<b>12.1 TOXICITY:</b>	
No additional data available.	
<b>12.2 PERSISTENCE AND DEGRADABILITY:</b>	
No additional data available.	
<b>12.3 BIOACCUMULATIVE POTENTIAL:</b>	
No additional data available.	
<b>12.4 MOBILITY IN SOIL:</b>	
<b>Water hazard class, WGK: Solubility in water: 1.</b> not soluble	
<b>12.5 OTHER ADVERSE EFFECTS:</b>	
No additional data available.	

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**SECTION 13: DISPOSAL CONSIDERATIONS:**

**13.1 WASTE TREATMENT METHODS:**

Draining into the sewers is not permitted. Removal should be carried out by licensed services. Possible restrictive regulations by local authority should always be adhered to.

**SECTION 14: TRANSPORT INFORMATION:**

**14.1 UN NUMBER:**

1950

**14.2 UN PROPER SHIPPING NAME:**

UN 1950 Aerosols, flammable, 2.5F, (D) Packing group III

**14.3 TRANSPORT HAZARD CLASS(ES):**

<b>Class(es):</b>	2.5F
<b>Identification number of the hazard:</b>	not applicable

**14.4 ENVIRONMENTAL HAZARDS:**

not dangerous to the environment

**14.5 SPECIAL PRECAUTIONS FOR USER:**

**Hazard characteristics:** Risk of fire. Risk of explosion. Containments may explode when heated.

**SECTION 15: REGULATORY INFORMATION:**

**15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:**

<b>Water hazard class, WGK:</b>	1
<b>Volatile organic component (VOC):</b>	85.900 %
<b>Volatile organic component (VOC):</b>	550.456 g/l
<b>Composition by regulation (EC) 648/2004:</b>	Aliphatic hydrocarbons > 30%

**SECTION 16: OTHER INFORMATION:**

**Legend to abbreviations used in the safety data sheet:**

**CAS:** Chemical Abstracts Service...  
**WGK:** Water hazard class  
**WGK 1:** Slightly hazardous for water  
**H222 Flam Aerosol 1:** Extremely flammable aerosol  
**H412 Aquatic Chronic 3:** Harmful to aquatic life. Long lasting effects