

## Tyre Guard

Date of compilation: 11/22/2022

Revised: 2/24/2023

Version: 2 (Replaced 1)

### SECTION 1: IDENTIFICATION

**1.1 GHS Product identifier:** Tyre Guard

**Other means of identification:**

Not applicable (N/A)

**1.2 Recommended use of the chemical and restrictions on use:**

Relevant uses: Tire repair; technical aerosol

Uses advised against: All uses not specified in this section or in section 7.3

**1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

GARDX INTERNATIONAL LTD  
LAKE HOUSE, 2 PORT WAY, PORT SOLENT,  
PO6 4TY PORTSMOUTH - UNITED KINGDOM  
Phone: +44 (0)1243 376426  
product@gardx.co.uk  
www.gardx.co.uk

Importer:

Atkins Kroll Saipan,  
Chalan Monsignor Guerrero,  
Oleai,  
Saipan CNMI 96950.

Tel: 1-670-234-5911

**1.4 Emergency phone number:** CNN: 1012486. For 24/7 multilingual advice for spill, leak, fire, exposure, or accident call Chemtrec Toll-Free number 1-800-424-9300. Oregon Poison Centre: 1-800-222-1222.

### SECTION 2: HAZARD(S) IDENTIFICATION

**2.1 Classification of the substance or mixture:**

**NFPA:**

Health Hazards: 0

Flammability Hazards: 4

Instability Hazards: 0

Special Hazards: Not applicable (N/A)

**HMIS®:**

Health: 0

Flammability: 4

Physical Hazard: 0

Personal Protection: A

**29 CFR 1910.1200:**

Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200.

Aerosol 2: Flammable aerosols, Category 2, H223

Press. Gas (Comp.): Gases under pressure (Compressed gas), H280

**2.2 Label elements:**

**NFPA:**



**HMIS®:**

HEALTH	0
FLAMMABILITY	4
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

**29 CFR 1910.1200:**

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**SECTION 2: HAZARD(S) IDENTIFICATION (continued)**
**Warning**

**Hazard statements:**

Aerosol 2: H223 - Flammable aerosol.

Press. Gas (Comp.): H280 - Contains gas under pressure, may explode if heated.

**Precautionary statements:**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

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.

P410+P403: Protect from sunlight. Store in a well-ventilated place.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P501: Dispose of the contents/containers according to the local, state and federal regulations.

**Additional labeling:**

FEDERAL HAZARDOUS SUBSTANCES ACT REGULATIONS (§1500.130 Self-pressurized containers: labeling):

Warning—contents under pressure.

Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 120 °F. Keep out of the reach of children.

Federal Hazardous Substances Act (FHSA) &gt;&gt; Extremely flammable

Vapors May Cause Flash Fire. Vapors may ignite explosively. Prevent buildup of vapors—open all windows and doors—use only with cross-ventilation. Keep away from heat, sparks, and open flame. Do not smoke, extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Close container after use. Keep out of the reach of children.

**2.3 Hazards not otherwise classified (HNOC):**

Not applicable (N/A)

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

Non-applicable

**3.2 Mixtures:**
**Chemical description:** Acrylic copolymer in aqueous solution

**Components:**

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 68476-85-7	Petroleum gases, liquefied, < 0.1 % EC 203-450-8 Flam. Gas 1A: H220; Press. Gas: H280 - Danger	25 - <50 %

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**SECTION 4: FIRST-AID MEASURES**
**4.1 Description of necessary measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

**By skin contact:**

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**SECTION 4: FIRST-AID MEASURES (continued)**

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

**By eye contact:**

This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

**By ingestion/aspiration:**

In case of consumption, seek immediate medical assistance showing the SDS of this product.

**4.2 Most important symptoms/effects, acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

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

Not applicable (N/A)

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 Suitable (and unsuitable) extinguishing media:****Suitable extinguishing media:**

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

**Unsuitable extinguishing media:**

Water jet

**5.2 Specific hazards arising from the chemical:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Special protective equipment and precautions for fire-fighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

**Additional provisions:**

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

**6.3 Methods and materials for containment and cleaning up:**

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

**6.4 Reference to other sections:**

See sections 8 and 13.

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**SECTION 7: HANDLING AND STORAGE**
**7.1 Precautions for safe handling:**
**A.- General precautions for safe use**

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

**B.- Technical recommendations for the prevention of fires and explosions**

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

**C.- Technical recommendations on general occupational hygiene**

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

**D.- Technical recommendations to prevent environmental risks**

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

**7.2 Conditions for safe storage, including any incompatibilities:**
**A.- Technical measures for storage**

Minimum Temp.: 39.2 °F

Maximum Temp.: 104 °F

NFPA 30: IA

**B.- General conditions for storage**

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

**7.3 Specific end use(s):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**
**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

Identification	Occupational exposure limits		
Petroleum gases, liquefied, < 0.1 % EC 203-450-8 CAS: 68476-85-7	8-hour TWA PEL	1000 ppm	1800 mg/m <sup>3</sup>
	Ceiling Values - TWA PEL		


US. ACGIH Threshold Limit Values (2022):

Identification	Occupational exposure limits		
Sodium benzoate CAS: 532-32-1	TLV-TWA		2.5 mg/m <sup>3</sup>
	TLV-STEL		

**8.2 Appropriate engineering controls:**
**A.- Individual protection measures, such as personal protective equipment**

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

**B.- Respiratory protection**

Pictogram	PPE	Remarks
 Compulsory use of face mask	Filter mask for particles (Filter type: A2, FFP1)	Replace when an increase in resistance to breathing is observed. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29CFR).

**C.- Specific protection for the hands**

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**



Pictogram	PPE	Remarks
 Mandatory hand protection	Protective gloves against minor risks (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.062 mm, Conditions of use: Splashing)	Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional /industrial users, we recommend using chemical protection gloves. Use gloves in accordance with manufacturer's use limitations and OSHA standard 1910.138 (29CFR)

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



**D.- Eye and face protection**

Pictogram	PPE	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR)

**E.- Bodily protection**

Pictogram	PPE	Remarks
 Mandatory complete body protection	Antistatic and fireproof protective clothing	Limited protection against flames.
 Mandatory foot protection	Safety footwear with antistatic and heat resistant properties	Replace boots at any sign of deterioration. Use foot protection in accordance with manufacturer's use limitations and OSHA standard 1910.136 (29CFR)

**F.- Additional emergency measures**

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**
**9.1 Information on basic physical and chemical properties:**
**Appearance:**

Physical state at 68 °F:	Aerosol
Appearance:	Emulsion
Color:	Ivory
Odor:	Characteristic
Odour threshold:	Not applicable (N/A) *

**Volatility:**

Boiling point at atmospheric pressure:	-44 °F (Propellant)
Vapour pressure at 68 °F:	Not applicable (N/A) *
Vapour pressure at 122 °F:	<300000 Pa (300 kPa)
Evaporation rate at 68 °F:	Not applicable (N/A) *

\*Not applicable (N/A) due to the nature of the product, not providing information property of its hazards.

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

#### Product description:

Density at 68 °F:	Not applicable (N/A) *
Relative density at 68 °F:	Not applicable (N/A) *
Dynamic viscosity at 68 °F:	Not applicable (N/A) *
Kinematic viscosity at 68 °F:	Not applicable (N/A) *
Kinematic viscosity at 104 °F:	>20.5 mm <sup>2</sup> /s
Concentration:	Not applicable (N/A) *
pH:	6.5 - 8.5 (at 60 %)
Vapour density at 68 °F:	Not applicable (N/A) *
Partition coefficient n-octanol/water 68 °F:	Not applicable (N/A) *
Solubility in water at 68 °F:	Not applicable (N/A) *
Solubility properties:	Emulsifiable
Decomposition temperature:	Not applicable (N/A) *
Melting point/freezing point:	Not applicable (N/A) *
Recipient pressure:	≥349971 - 449963 Pa (≥3.5 - 4.5 bar)

#### Flammability:

Flash Point:	-155 °F (Propellant)
Flammability (solid, gas):	Not applicable (N/A) *
Autoignition temperature:	Not applicable (N/A) *
Lower flammability limit:	Not applicable (N/A) *
Upper flammability limit:	Not applicable (N/A) *

#### Particle characteristics:

Median equivalent diameter:	Non-applicable
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#### 9.2 Other information:

##### Information with regard to physical hazard classes:

Explosive properties:	Not applicable (N/A) *
Oxidising properties:	Not applicable (N/A) *
Corrosive to metals:	Not applicable (N/A) *
Heat of combustion:	Not applicable (N/A) *
Aerosols-total percentage (by mass) of flammable components:	Not applicable (N/A) *

##### Other safety characteristics:

Surface tension at 68 °F:	Not applicable (N/A) *
Refraction index:	Not applicable (N/A) *

\*Not applicable (N/A) due to the nature of the product, not providing information property of its hazards.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

#### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

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## SECTION 10: STABILITY AND REACTIVITY (continued)

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Danger of explosion	Avoid direct impact	Not applicable

### 10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

#### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

#### A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

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**SECTION 11: TOXICOLOGICAL INFORMATION (continued)****H- Aspiration hazard:**

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Not applicable (N/A)

**Specific toxicology information on the substances:**

Not available

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Ecotoxicity (aquatic and terrestrial, where available):**

Not available

**12.2 Persistence and degradability:**

Not available

**12.3 Bioaccumulative potential:**

Not available

**12.4 Mobility in soil:**

Not available

**12.5 Results of PBT and vPvB assessment:**

Non-applicable

**12.6 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Disposal methods:**

The next characteristic per RCRA could apply to the unused product if it becomes a waste material: Ignitability. The next EPA hazardous waste number could apply: D001.

Standards for universal waste management (Title 40 of the Code of Federal Regulations (CFR) in part 273) could apply to the unused Aerosol can if it becomes a waste material.

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste (Title 40 of the Code of Federal Regulations Part 261.4)

**Waste management (disposal and evaluation):**

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

**Regulations related to waste management:**

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

**SECTION 14: TRANSPORT INFORMATION****Transport of dangerous goods by land:**

With regard to 49 CFR on the Transport of Dangerous Goods:

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**SECTION 14: TRANSPORT INFORMATION (continued)**


- 14.1 UN number:** UN1950  
**14.2 UN proper shipping name:** AEROSOLS  
**14.3 Transport hazard class(es):** 2  
**Labels:** 2.1  
**14.4 Packing group, if applicable:** N/A  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
 Physico-Chemical properties: see section 9  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable (N/A)

**Transport of dangerous goods by sea:**

With regard to IMDG 41-22:



- 14.1 UN number:** UN1950  
**14.2 UN proper shipping name:** AEROSOLS  
**14.3 Transport hazard class(es):** 2  
**Labels:** 2.1  
**14.4 Packing group, if applicable:** N/A  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
 Special regulations: 63, 959, 190, 277, 327, 344  
 EmS Codes: F-D, S-U  
 Physico-Chemical properties: see section 9  
 Limited quantities: 1 L  
 Segregation group: Not applicable (N/A)  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable (N/A)

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2024:



- 14.1 UN number:** UN1950  
**14.2 UN proper shipping name:** AEROSOLS  
**14.3 Transport hazard class(es):** 2  
**Labels:** 2.1  
**14.4 Packing group, if applicable:** N/A  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
 Physico-Chemical properties: see section 9  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable (N/A)

**SECTION 15: REGULATORY INFORMATION**

- 15.1 Safety, health and environmental regulations specific for the product in question:**

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**SECTION 15: REGULATORY INFORMATION (continued)**

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *sodium nitrite (7632-00-0)* ; *ammonia (1336-21-6)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Not applicable (N/A)
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Not applicable (N/A)
- CANADA-Domestic Substances List (DSL): *Petroleum gases, liquefied, < 0.1 % EC 203-450-8 (68476-85-7)* ; *Water (7732-18-5)* ; *Sodium benzoate (532-32-1)* ; *sodium nitrite (7632-00-0)* ; *Propane-1,2-diol (Vp > 0.01 kPa 20 °C) (57-55-6)* ; *benzyl alcohol (100-51-6)* ; *2,2'-(ethylenedioxy)diethanol (112-27-6)* ; *Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)* ; *Magnesium chloride (7786-30-3)* ; *Magnesium nitrate (10377-60-3)* ; *ammonia (1336-21-6)*
- CANADA-Non-Domestic Substances List (NDSL): Not applicable (N/A)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *sodium nitrite (7632-00-0)* - 100 lb ; *ammonia (1336-21-6)* - 1000 lb
- Hazardous Air Pollutants (Clean Air Act): Not applicable (N/A)
- Massachusetts RTK - Substance List: *Petroleum gases, liquefied, < 0.1 % EC 203-450-8 (68476-85-7)* ; *sodium nitrite (7632-00-0)* ; *benzyl alcohol (100-51-6)* ; *Magnesium nitrate (10377-60-3)* ; *ammonia (1336-21-6)*
- Minnesota - Hazardous substances ERTK: *Petroleum gases, liquefied, < 0.1 % EC 203-450-8 (68476-85-7)*
- New Jersey Worker and Community Right-to-Know Act: *Petroleum gases, liquefied, < 0.1 % EC 203-450-8 (68476-85-7)* ; *sodium nitrite (7632-00-0)* ; *Propane-1,2-diol (Vp > 0.01 kPa 20 °C) (57-55-6)* ; *Magnesium nitrate (10377-60-3)* ; *ammonia (1336-21-6)*
- New York RTK - Substance list: *Petroleum gases, liquefied, < 0.1 % EC 203-450-8 (68476-85-7)* ; *sodium nitrite (7632-00-0)* ; *Magnesium nitrate (10377-60-3)* ; *ammonia (1336-21-6)*
- NTP (National Toxicology Program): Not applicable (N/A)
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Not applicable (N/A)
- Pennsylvania Worker and Community Right-to-Know Law: *Petroleum gases, liquefied, < 0.1 % EC 203-450-8 (68476-85-7)* ; *sodium nitrite (7632-00-0)* ; *Propane-1,2-diol (Vp > 0.01 kPa 20 °C) (57-55-6)* ; *benzyl alcohol (100-51-6)* ; *2,2'-(ethylenedioxy)diethanol (112-27-6)* ; *Magnesium nitrate (10377-60-3)* ; *ammonia (1336-21-6)*
- Rhode Island - Hazardous substances RTK: *sodium nitrite (7632-00-0)* ; *ammonia (1336-21-6)*
- The Toxic Substances Control Act (TSCA) (USA, Puerto Rico): *Petroleum gases, liquefied, < 0.1 % EC 203-450-8 (68476-85-7)* ; *Water (7732-18-5)* ; *Sodium benzoate (532-32-1)* ; *sodium nitrite (7632-00-0)* ; *Propane-1,2-diol (Vp > 0.01 kPa 20 °C) (57-55-6)* ; *benzyl alcohol (100-51-6)* ; *2,2'-(ethylenedioxy)diethanol (112-27-6)* ; *Magnesium chloride (7786-30-3)* ; *Magnesium nitrate (10377-60-3)* ; *ammonia (1336-21-6)*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *sodium nitrite (7632-00-0)* ; *Magnesium nitrate (10377-60-3)* ; *ammonia (1336-21-6)*

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

**Other legislation:**

Take into consideration other applicable federal, state, and local laws and local regulations.

**SECTION 16: OTHER INFORMATION****Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

**Texts of the legislative phrases mentioned in section 2:**

H223: Flammable aerosol.

H280: Contains gas under pressure, may explode if heated.

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**29 CFR 1910.1200:**

Flam. Gas 1A: H220 - Extremely flammable gas.

Press. Gas: H280 - Contains gas under pressure, may explode if heated.

**Advice related to training:**

According to 29 CFR 1910. 1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

**Principal bibliographical sources:**

Occupational Safety & Health Administration (OSHA).

**Abbreviations and acronyms:**

- CONTINUED ON NEXT PAGE -

**Tyre Guard**

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Revised: 2/24/2023

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**SECTION 16: OTHER INFORMATION (continued)**

IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5-day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
CL50: Lethal Concentration 50  
EC50: Effective concentration 50  
Log-POW: Octanol-water partition coefficient  
Koc: Partition coefficient of organic carbon  
IARC: International Agency for Research on Cancer

Date of compilation: 11/22/2022

Revised: 2/24/2023

Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET

Date of compilation: 11/22/2022

Revised: 2/24/2023

Version: 2 (Replaced 1)

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