

## Safety Data Sheet



## Section 1: Identification

### Product identifier

- Product Name** • Tire Inflator - Non-Flammable Aerosol
- Synonyms** • 591093
- Product Code** • 21701; 21703

### Relevant identified uses of the substance or mixture and uses advised against

- Recommended use** • No data available

### Details of the supplier of the safety data sheet

- Manufacturer** • Gold Eagle Co.  
4400 S. Kildare Avenue  
Chicago, IL 60632-4372  
United States  
<http://www.goldeagle.com/>
- Telephone (General)** • 773-376-4400

### Emergency telephone number

- Manufacturer** • 1-800-535-5053 - (INFOTRAC #22283)

## Section 2: Hazard Identification

### EU/EEC

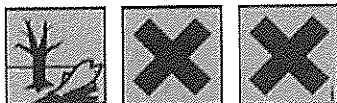
According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]  
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

### Classification of the substance or mixture

- CLP** • No data available
- DSD/DPD** • Dangerous to the Environment (N)  
R20/21/22, R36/37/38, R41, R42, R48/20, R50, R65

### Label Elements

- CLP**  
**DSD/DPD**



- Risk phrases** • R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.  
R36/37/38 - Irritating to eyes, respiratory system and skin.  
R41 - Risk of serious damage to eyes.  
R42 - May cause sensitisation by inhalation.  
R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R50 - Very toxic to aquatic organisms.

- Safety phrases** • R65 - Harmful: may cause lung damage if swallowed.  
S23 - Do not breathe gas/fumes/vapour/spray.  
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S39 - Wear eye/face protection.  
S57 - Use appropriate containment to avoid environmental contamination.

### Other Hazards

- CLP • No data available  
DSD/DPD • No data available
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### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

### Classification of the substance or mixture

- OSHA HCS 2012 • Skin Irritation 2  
Eye Irritation 2A  
Acute Toxicity Oral 4  
Acute Toxicity Dermal 4  
Acute Toxicity Inhalation 4  
Respiratory Sensitization 1  
Specific Target Organ Toxicity Repeated Exposure 1  
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation Dissolved Gas

### Label elements

OSHA HCS 2012

#### DANGER



- Hazard statements** • Contains gas under pressure; may explode if heated  
Harmful if swallowed  
Harmful in contact with skin  
Causes skin irritation  
Causes serious eye irritation  
Harmful if inhaled  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause respiratory irritation  
Causes damage to organs through prolonged or repeated exposure.

### Precautionary statements

- Prevention** • Do not breathe dust, fume, gas, mist, vapours and/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.  
Wear protective gloves .
- Response** • IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.  
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
Take off contaminated clothing and wash before reuse.

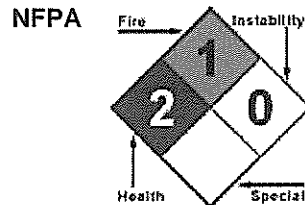
- Storage/Disposal** • Store in a well-ventilated place. Keep container tightly closed.
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Store locked up.  
Protect from sunlight. Store in a well-ventilated place.  
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Other hazards**

OSHA HCS 2012

- No data available

**Other information****Section 3 - Composition/Information on Ingredients****Substances****Mixtures**

Composition				
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive
1,1,1,2-Tetrafluoroethane	CAS:811-97-2 EC Number:212-377-0	20% TO 30%	NDA	EU DSD/DPD: OSHA HCS 2012:
Ethylene glycol monobutyl ether	CAS:111-76-2 EC Number:203-905-0	10% TO 20%	NDA	EU DSD/DPD: Irritant(Xi); R36/38; R20/21/22; Harmful (Xn) OSHA HCS 2012:
Ethylene glycol	CAS:107-21-1 EC Number:203-473-3	3% TO 5%	NDA	EU DSD/DPD: OSHA HCS 2012:
Ammonium hydroxide	CAS:1336-21-6 EC Number:215-647-6	0% TO 1%	NDA	EU DSD/DPD: Corrosive(C); R34; Environment(N); R50 OSHA HCS 2012:
Below reportable levels	NDA	50% TO 60%	NDA	EU DSD/DPD: OSHA HCS 2012:

**Section 4: First-Aid Measures****Description of first aid measures****Inhalation**

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin**

- If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Eye**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

- Ingestion**
- Call a physician or poison control center immediately.

**Most important symptoms and effects, both acute and delayed**

- No data available

**Indication of any immediate medical attention and special treatment needed**

- Notes to Physician**
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.
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**Section 5: Fire-Fighting Measures**

**Extinguishing media**

- Suitable Extinguishing Media**
- **LARGE FIRES:** Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray.  
**SMALL FIRES:** Dry chemical, CO<sub>2</sub> or water spray.

- Unsuitable Extinguishing Media**
- No data available.

- Firefighting Procedures**
- As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids.  
**LARGE FIRES:** Cool containers with flooding quantities of water until well after fire is out.  
**SMALL FIRES:** Damaged cylinders should be handled only by specialists.  
Stay upwind.  
Ventilate closed spaces before entering.  
Wear appropriate protective clothing.

**Special hazards arising from the substance or mixture**

- Unusual Fire and Explosion Hazards**
- Contains gas under pressure; May explode if heated.  
Ruptured cylinders may rocket.

- Hazardous Combustion Products**
- Not applicable.

**Advice for firefighters**

- Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
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**Section 6 - Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

- Personal Precautions**
- Ventilate enclosed areas. Avoid contact with skin, eyes, and clothing. Wear a self-contained breathing apparatus and appropriate Personal Protective Equipment (PPE)
- Emergency Procedures**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Evacuate area. Keep unauthorized personnel away.  
Stay upwind.

**Environmental precautions**

- Avoid run off to waterways and sewers. Prevent entry into waterways, sewers, basements or confined areas. Runoff from fire control or dilution water may cause pollution.

**Methods and material for containment and cleaning up**

- Containment/Clean-up Measures**
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.  
Dike far ahead of spill; use dry sand to contain the flow of material.  
Do not flush to sewer or allow to enter waterways.
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**Section 7 - Handling and Storage**

**Precautions for safe handling****Handling**

- Avoid contact with skin, eyes, and clothing. Do not breathe (dust, vapor or spray mist) Do not use in areas without adequate ventilation. Keep away from heat, sparks, and flame – No Smoking. Avoid contact with eyes or skin. Wear glasses or goggles, gloves and other protective clothing.

**Conditions for safe storage, including any incompatibilities****Storage**

- Ventilate enclosed areas. Store in a cool, dry, well-ventilated place. Store in a well-ventilated place, do not store above 120 F.

**Section 8 - Exposure Controls/Personal Protection****Control parameters**

**Exposure Limits/Guidelines** • No data available.

**Exposure controls****Engineering Measures/Controls**

- Local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Personal Protective Equipment****Pictograms****Respiratory**

- Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face**

- Wear safety glasses.

**Hands**

- Wear appropriate gloves.

**Skin/Body**

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

**General Industrial Hygiene Considerations**

- Do not eat, drink or smoke during work. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls**

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

**Section 9 - Physical and Chemical Properties****Information on Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Aerosol	Appearance/Description	Water white, slightly hazy liquid.
Color	White	Odor	Ammonia like odor.
Odor Threshold	No data available		
<b>General Properties</b>			
Boiling Point	335.1 F(168.3889 C)	Decomposition Temperature	No data available
Specific Gravity/Relative Density	= 1 @ 60 F(15.5556 C) Water=1	Water Solubility	No data available
Viscosity	No data available		
<b>Volatility</b>			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		

**Flammability**

Flash Point	No data available No flash point	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	Not relevant.		
<b>Environmental</b>			
Octanol/Water Partition coefficient	No data available		

**Section 10: Stability and Reactivity****Reactivity**

- No dangerous reaction known under conditions of normal use.

**Chemical stability**

- Stable

**Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**Conditions to avoid**

- Keep away from heat, sparks, and flame.

**Incompatible materials**

- Alkalis, strong oxidizers.

**Hazardous decomposition products**

- Excessive heating and/or incomplete combustion will produce carbon monoxide.

**Section 11 - Toxicological Information****Information on toxicological effects**

GHS Properties	Classification
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Respiratory Sensitizer 1
Serious eye damage/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Eye Irritation 2A
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Acute Toxicity - Dermal 4; Acute Toxicity - Inhalation 4; Acute Toxicity - Oral 4
Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking

STOT-RE	EU/CLP • Data lacking OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • No data available
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • No data available

**Target Organs**

- Kidney

**Route(s) of entry/exposure**

- Inhalation of vapor.

**Potential Health Effects****Inhalation****Acute (Immediate)**

- Harmful if inhaled. May cause respiratory irritation.

**Chronic (Delayed)**

- Repeated and prolonged exposure may cause sensitization of the respiratory system.

**Skin****Acute (Immediate)**

- Causes skin irritation.

**Chronic (Delayed)**

- No data available.

**Eye****Acute (Immediate)**

- Causes serious eye irritation.

**Chronic (Delayed)**

- Under normal conditions of use, no health effects are expected.

**Ingestion****Acute (Immediate)**

- No data available

**Chronic (Delayed)**

- Under normal conditions of use, no health effects are expected.

## Section 12 - Ecological Information

**Toxicity**

- Non-mandatory section - information about this substance not compiled for this reason.

**Persistence and degradability**

- No data available

**Bioaccumulative potential**

- Non-mandatory section - information about this substance not compiled for this reason.

**Mobility in Soil**

- Non-mandatory section - information about this substance not compiled for this reason.

**Other adverse effects****Potential Environmental Effects**

- May cause long lasting harmful effects to aquatic life.

## Section 13 - Disposal Considerations

**Waste treatment methods**

- Product waste                      • No data available
- Packaging waste                   • No data available

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	1950				
TDG					

- Special precautions for user   • No data available
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code   • No data available

## Section 15 - Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications   • Acute, Pressure(Sudden Release of)

### Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

## Section 16 - Other Information

### Relevant Phrases (code & full text)

- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- P260 - Do not breathe dust, fume, gas, mist, vapours and/or spray.
- P264 - Wash thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P361 - Remove/Take off immediately all contaminated clothing.
- P405 - Store locked up.
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Revision Date                      • 09/September/2015

Preparation Date                 • 09/September/2015

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