

## Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), 29CFR1910/1200 and GHS Rev. 3

Effective date: 05.16.2016

### Tap Magic EP-XTRA Aerosol

#### 1 Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier

**Material Name:** Tap Magic EP-XTRA Aerosol

**Product code:** 10012EL

**1.2 Relevant identified uses of the substance or mixture and uses advised against:** Machining, Cutting, Tapping, and Metal Processing.

##### 1.3 Details of the manufacturer/supplier of the safety data sheet

**Manufacturer:**

The Steco Corporation

2330 Cantrell Road

Little Rock, AR 72202

1-501-375-5644

steco@tapmagic.com

**Emergency telephone number:**

**ChemTel Inc**

North America: 1-800-255-3924

International: 1-813-248-0585

#### 2 Hazards identification

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

In compliance with EC regulation No. 1272/2008, 29CFR1910/1200 and GHS Rev. 3 and amendments.

Flammable aerosols, category 1.

Compressed gases.

**Hazard-determining components of labeling:**

Propane

Butane

##### 2.2 Label elements

**Hazard pictograms:**



**Signal word:** Danger

**Hazard statements:**

H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

**Precautionary statements:**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container. 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.

##### 2.3 Other hazards: None known

**Information concerning particular hazards for humans and environment:**

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The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

#### Classification system:

The classification is according to EC regulation No. 1272/2008, 29CFR1910/1200 and GHS Rev. 3 and amendments, and extended by company and literature data. The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

### 3 Composition/information on ingredients

**3.1 Chemical characterization:** None

**3.2 Description:** None

**3.3 Hazardous components (percentages by weight)**

Identification	Name	Classification	Wt. %
<b>CAS number:</b> 63449-39-8	Extreme Pressure Lubricant		10-20
<b>CAS number:</b> 64742-54-7	Petroleum Distillate		20-30
<b>CAS number:</b> 64742-53-6	Petroleum Distillate		40-50
<b>CAS number:</b> 106-97-8	Butane		<5
<b>CAS number:</b> 74-98-6	Propane		<10

**3.4 Additional information:** None.

### 4 First aid measures

**4.1 Description of first aid measures**

**General information:** None.

**After inhalation:**

Loosen clothing as necessary and position individual in a comfortable position.  
Maintain an unobstructed airway.

**After skin contact:**

Rinse affected area with soap and water.  
If symptoms develop or persist, seek medical attention.

**After eye contact:**

Rinse/flush exposed eye(s) gently using water for 15-20 minutes.  
If symptoms develop or persist, seek medical attention.

**After swallowing:**

Rinse mouth thoroughly.  
Seek medical attention if irritation, discomfort, or vomiting persists.

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

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None

#### 4.3 Indication of any immediate medical attention and special treatment needed:

No additional information.

### 5 Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media:

Use dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

##### Unsuitable extinguishing media:

Do not use water as an extinguisher.

#### 5.2 Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

Contents under pressure.

In a fire or if heated, a pressure increase will occur and the container may burst or explode.

Vapors can flow to distant ignition sources and flashback.

Liquid is volatile and may generate an explosive atmosphere.

#### 5.3 Advice for firefighters

##### Protective equipment:

Wear protective eye wear, gloves and clothing.

Refer to Section 8.

Fire-fighters should wear self-contained breathing apparatus.

#### 5.4 Additional information:

Avoid inhaling gases, fumes, dust, mist, vapor and aerosols.

Avoid contact with skin, eyes and clothing.

### 6 Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Ensure air handling systems are operational.

Beware of vapors accumulating to form explosive concentrations.

Vapors can accumulate in low areas.

#### 6.2 Environmental precautions:

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

#### 6.3 Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.

Use spark-proof tools and explosion-proof equipment.

Absorb liquid spill with vermiculite or other inert material.

Sweep or scoop up solid material while minimizing dust generation.

If necessary use trained response staff or contractor.

Keep in suitable closed containers for disposal.

Always obey local regulations.

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**6.4 Reference to other sections:** None

## 7 Handling and storage

### 7.1 Precautions for safe handling:

- Do not eat, drink, smoke or use personal products when handling chemical substances.
- Avoid breathing mist or vapor.
- Do not puncture, crush or incinerate containers, even when empty.
- Use only non-sparking tools.
- Take precautionary measures against electrostatic discharges.
- Avoid contact with skin, eyes and clothing.
- Use only with adequate ventilation.
- Follow good hygiene procedures when handling chemical materials.

### 7.2 Conditions for safe storage, including any incompatibilities:

- Store in a cool, well-ventilated area.
- Use equipment rated for cylinder pressure.
- Store cylinders upright.
- Keep container tightly sealed.
- Keep away from all ignition sources: open flames, hot surfaces, direct sunlight, spark sources.
- Store locked up.
- Use appropriate containment to avoid environmental contamination.
- Protect from freezing and physical damage.
- Store away from foodstuffs.

**7.3 Specific end use(s):** No additional information.

## 8 Exposure controls/personal protection



### 8.1 Control parameters:

- 74-98-6, Propane, ACGIH TLV TWA 2,500 ppm.
- 74-98-6, Propane, OSHA PEL TWA 1,000 ppm (1,800 mg/m<sup>3</sup>).
- 74-98-6, Propane, NIOSH REL TWA 1,000 ppm (1,800 mg/m<sup>3</sup>).
- 106-97-8, Butane, ACGIH STEL 1,000 ppm.
- 106-97-8, Butane, ACGIH TLV TWA 800 ppm.
- 106-97-8, Butane, NIOSH REL TWA 800 ppm (1,900 mg/m<sup>3</sup>).
- 64742-54-7, Petroleum Distillate, ACGIH TWA 5mg/m<sup>3</sup>.
- 64742-54-7, Petroleum Distillate, OSHA TWA 5 mg/m<sup>3</sup>.

### 8.2 Exposure controls

#### Appropriate engineering controls:

- Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.
- Use explosion-proof ventilation equipment.
- Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor

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and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

#### Respiratory protection:

When necessary, use NIOSH-approved breathing equipment.

#### Protection of skin:

Select glove material impermeable and resistant to the substance.

Select glove material based on rates of diffusion and degradation.

Wear appropriate clothing to prevent any possibility of skin contact.

#### Eye protection:

Safety goggles or glasses, or appropriate eye protection.

#### General hygienic measures:

Wash hands before breaks and at the end of work.

Avoid contact with skin, eyes and clothing.

Perform routine housekeeping.

Wash contaminated clothing before reusing.

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance (physical state, color):</b>	Pressurized liquid w/ Propellant	<b>Explosion limit lower:</b> <b>Explosion limit upper:</b>	Not determined or not available. Not determined or not available.
<b>Odor:</b>	Mild	<b>Vapor pressure:</b>	Not determined or not available.
<b>Odor threshold:</b>	Not determined or not available.	<b>Vapor density:</b>	Not determined or not available.
<b>pH-value:</b>	Not determined or not available.	<b>Relative density:</b>	Not determined or not available.
<b>Melting/Freezing point:</b>	Not determined or not available.	<b>Solubilities:</b>	Insoluble in water.
<b>Boiling point/range:</b>	Not determined or not available.	<b>Partition coefficient (n-octanol/water):</b>	Not determined or not available.
<b>Flash point (closed cup):</b>	> 150°C	<b>Auto/Self-ignition temperature:</b>	Not determined or not available.
<b>Evaporation rate:</b>	Not determined or not available.	<b>Decomposition temperature:</b>	Not determined or not available.
<b>Flammability (solid, gaseous):</b>	Not determined or not available.	<b>Dynamic viscosity:</b>	Not determined or not available.
<b>Density:</b>	0.93 g/mL	<b>Kinematic viscosity:</b>	24 cSt at 40°C

## 10 Stability and reactivity

**10.1 Reactivity:** Does not react under normal conditions of use and storage.

**10.2 Chemical stability:** Stable under normal conditions of use and storage.

**10.3 Possibility of hazardous reactions:** None under normal conditions of use and storage.

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**10.4 Conditions to avoid:** None known.

**10.5 Incompatible materials:** None known.

**10.6 Hazardous decomposition products:** None known.

### 11 Toxicological information

#### 11.1 Information on toxicological effects:

**Routes of exposure:** No information available.

**Acute toxicity:**

**Skin corrosion/irritation:** No additional information.

**Serious eye damage/irritation:** No additional information.

**Respiratory or skin sensitization:** No additional information.

**Carcinogenicity:**

**Carcinogenicity:** The classification as a carcinogen need not apply for CAS# 64742-54-7 as the substance contains less than 3% DMSO extract as measured by IP 346.

**Carcinogenicity:** The classification as a carcinogen need not apply for CAS# 64742-53-6 as the substance contains less than 3% DMSO extract as measured by IP 346.

**IARC (International Agency for Research on Cancer):** None of the ingredients are listed.

**NTP (National Toxicology Program):** None of the ingredients are listed.

**Germ cell mutagenicity:** No additional information.

**Reproductive Toxicity:** No additional information.

**STOT-single and repeated exposure:** No additional information.

**Aspiration toxicity:** No information available.

**Additional toxicological information:**

No additional information.

### 12 Ecological information

**12.1 Toxicity:** No additional information.

**12.2 Persistence and degradability:**

No additional information.

**12.3 Bioaccumulative potential:**

No additional information.

**12.4 Mobility in soil:**

No additional information.

**General notes:**

No additional information.

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

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**PBT:** No additional information.

**vPvB:** No additional information.

#### 12.6 Other adverse effects:

No additional information.

### 13 Disposal considerations

#### 13.1 Waste treatment methods

##### Relevant information:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities. (US 40CFR262.11).

### 14 Transport information

#### Land transport:

##### DOT (49 CFR) transport

<b>14.1 UN Number:</b>	Not Regulated
<b>14.2 UN Proper shipping name:</b>	Not Regulated
<b>14.3 UN Transport hazard classes:</b>	
<b>14.4 Packing group:</b>	Not Regulated
<b>Danger label:</b>	
<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user:</b>	None

##### ADR/RID

<b>14.1 UN Number:</b>	Not Regulated
<b>14.2 UN Proper shipping name:</b>	Not Regulated
<b>14.3 UN Transport hazard classes:</b>	
<b>14.4 Packing group:</b>	Not Regulated
<b>Danger label:</b>	
<b>Tunnel restriction code:</b>	None
<b>Transport category:</b>	None
<b>Hazard ID number:</b>	None
<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user:</b>	None

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#### Air transport:

##### IATA-DGR

<b>14.1 UN Number:</b>	Not Regulated
<b>14.2 UN Proper shipping name:</b>	Not Regulated
<b>14.3 UN Transport hazard classes:</b>	
<b>14.4 Packing group:</b> <b>Danger label:</b>	Not Regulated
<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user:</b>	None

#### Sea transport:

##### IMDG

<b>14.1 UN Number:</b>	Not Regulated
<b>14.2 UN Proper shipping name:</b>	Not Regulated
<b>14.3 UN Transport hazard classes:</b>	
<b>14.4 Packing group:</b> <b>Danger label:</b> <b>EMS code:</b>	Not Regulated None
<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user:</b>	None
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable

### 15 Regulatory information

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

##### North American

##### SARA Section 311/312 (Specific toxic chemical listings):

Fire

**SARA Section 302 (Extremely hazardous substances):** None of the ingredients are listed.

**SARA Section 313 (Specific toxic chemical listings):** None of the ingredients are listed.

##### TSCA (Toxic Substances Control Act):

63449-39-8 Extreme Pressure Lubricant: listed.

74-98-6 Propane: listed.



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106-97-8 Butane: listed.  
64742-54-7 Petroleum Distillate: listed.  
64742-53-6 Petroleum Distillate: listed.

**TSCA Rules and Orders:** Not applicable.

#### Proposition 65 (California):

**Chemicals known to cause cancer:** None of the ingredients are listed.  
**Chemicals known to cause reproductive toxicity for females:** None of the ingredients are listed.  
**Chemicals known to cause reproductive toxicity for males:** None of the ingredients are listed.  
**Chemicals known to cause developmental toxicity:** None of the ingredients are listed.

#### Canada

##### Canadian Domestic Substances List (DSL):

63449-39-8 Extreme Pressure Lubricant: listed.  
74-98-6 Propane: listed.  
106-97-8 Butane: listed.  
64742-54-7 Petroleum Distillate: listed.  
64742-53-6 Petroleum Distillate: listed.

#### European Union

**REACH Article 57 (SVHC):** None of the ingredients are listed.  
**Germany MAK:** Not classified.

#### Australia

##### Australian Inventory of Chemical Substances (AICS):

63449-39-8 Extreme Pressure Lubricant: listed.  
74-98-6 Propane: listed.  
106-97-8 Butane: listed.  
64742-54-7 Petroleum Distillate: listed.  
64742-53-6 Petroleum Distillate: listed.

#### China

##### Inventory of Existing Chemical Substances in China (IECSC):

63449-39-8 Extreme Pressure Lubricant: listed.  
74-98-6 Propane: listed.  
106-97-8 Butane: listed.  
64742-54-7 Petroleum Distillate: listed.  
64742-53-6 Petroleum Distillate: listed.

#### Japan

##### Inventory of Existing and New Chemical Substances (ENCS):

63449-39-8 Extreme Pressure Lubricant: listed.  
74-98-6 Propane: listed.  
106-97-8 Butane: listed.  
64742-54-7 Petroleum Distillate: listed.  
64742-53-6 Petroleum Distillate: listed.

#### Korea

##### Existing Chemicals List (ECL):

63449-39-8 Extreme Pressure Lubricant: listed.  
74-98-6 Propane: listed.  
106-97-8 Butane: listed.  
64742-54-7 Petroleum Distillate: listed.

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64742-53-6 Petroleum Distillate: listed.

#### New Zealand

##### New Zealand Inventory of Chemicals (NZOIC):

63449-39-8 Extreme Pressure Lubricant: listed.

74-98-6 Propane: listed.

106-97-8 Butane: listed.

64742-54-7 Petroleum Distillate: listed.

64742-53-6 Petroleum Distillate: listed.

#### Philippines

##### Philippine Inventory of Chemicals and Chemical Substances (PICCS):

63449-39-8 Extreme Pressure Lubricant: listed.

74-98-6 Propane: listed.

106-97-8 Butane: listed.

64742-54-7 Petroleum Distillate: listed.

64742-53-6 Petroleum Distillate: listed.

#### Taiwan

##### Taiwan Chemical Substance Inventory (TSCI):

63449-39-8 Extreme Pressure Lubricant: listed.

74-98-6 Propane: listed.

106-97-8 Butane: listed.

64742-54-7 Petroleum Distillate: listed.

64742-53-6 Petroleum Distillate: listed.

### 16 Other information

**Abbreviations and Acronyms:** None

#### Manufacturer Statement:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

**NFPA:** 0-4-0

**HMIS:** 0-4-0