# Safety Data Sheet



**Tap Magic PROTAP (Aerosol)**

## SECTION 1: Identification of the substance/mixture and of the supplier

**Product name:** **Tap Magic PROTAP (Aerosol)**

**Manufacturer/Supplier Article number:** 30012PL

**Special Notes on Product uses:** After use of this product, clean and lubricate metal surfaces to avoid staining and/or corrosion.

**Recommended uses of the product:** Machining, Cutting, Tapping, and Metal Processing.

**Manufacturer/Supplier Details:**

The Steco Corporation
2330 Cantrell Road
Little Rock, AR 72202 USA
**Tel:** 501-375-5644
**Website:** www.tapmagic.com
**Email:** steco@tapmagic.com

**Emergency telephone number:** ChemTel Inc.: (800)255-3924, +1 (813)248-0585

## SECTION 2: Hazards identification

**Classification of the substance or mixture:**

GHS04: Pressurized gas

**Signal word:** Warning.

**Hazard statements:**

H280: Contains gas under pressure.

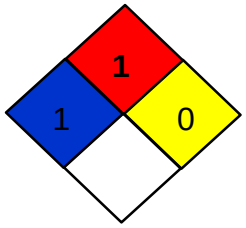
**Precautionary statements:**

P280: Wear protective gloves, protective clothing, eye protection, and face protection.
P337+P313: If eye irritation persists get medical advice/attention.
P302+P352: IF ON SKIN: Wash with soap and water.
P501: Dispose of contents/container as directed in Section 13.

**Hazards Not Otherwise Classified (HNOC):** None.

**Unknown Acute Toxicity:** No additional information available.

**NFPA/HMIS**




NFPA SCALE (0-4)
Health = 1
Fire = 1
Reactivity = 0

| | |
|---|---|
| HEALTH | 1* |
| FIRE | 1 |
| PHYSICAL HAZARD | 0 |

HMIS SCALE (0-4)
Health = 1*
Fire = 1
Reactivity = 0

**0=Minimal Hazard; 1=Slight Hazard; 2=Moderate Hazard; 3=Serious Hazard; 4=Severe Hazard; * = Chronic hazard.**

## SECTION 3: Composition/information on ingredients

**Chemical characterization:** Mixture.

**Description:** Machining, cutting, tapping, and metal processing.

**Hazardous components:** As listed below.

| CAS / Identifying No. | Description | Wt. % |
|---|---|---|
| CAS: 124-38-9 | Carbon Dioxide<br>*Pressurized gas* | 0 – 5% |

Additional information: For the wording of the listed risk phrases refer to section 16.

## SECTION 4: First aid measures

**Description of first aid measures**

**General information:**

Take affected persons into fresh air, if feasible, or away from the source.
Consult a doctor/physician if concerned or feel unwell.
Immediately remove any clothing soiled by the product.
In case of irregular breathing or respiratory arrest, provide artificial respiration.

**After inhalation:**

Supply fresh air; consult doctor in case of complaints. If aspirated, seek medical attention immediately.
Provide oxygen treatment if affected person has difficulty breathing.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

**After eye contact:**

Remove contact lenses if worn.
Rinse opened eye for at least 15 - 20 minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water.
Call for medical help immediately.
Do not induce vomiting.
If victim vomits, be sure to keep head below knees to prevent aspiration of vomitus into lungs.
If victim is unconscious, position on their side and support them so they cannot roll onto their back.

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

Breathing difficulty.
Coughing.
Irritant to skin and mucous membranes.
Skin sensitization
Slight irritant effect on eyes.
Gastric or intestinal disorders when ingested.

**Hazards:**

Danger of impaired breathing.
May cause respiratory irritation.

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

Consult a doctor/physician if concerned or feel unwell.

## SECTION 5: Firefighting measures

**Extinguishing media**

**Suitable extinguishing agents:**

Use an extinguishing agent suitable for the surrounding fire.
Foam.
Carbon Dioxide.
Dry Chemical.

**For safety reasons unsuitable extinguishing agents:** Water jet, as it may spread fire.

**Special hazards arising from the substance or mixture:** Carbon monoxide.

**Advice for firefighters**

**Protective equipment:**

Use self-contained breathing apparatus (SCBA) and full bunker turnout gear in a sustained fire.
Wear fully protective suit.

**Hazardous Combustion Products:**

Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds.

**Additional information:**

Cool endangered receptacles with water fog or haze.
Use large quantities of foam as it is partially destroyed by the product.

## SECTION 6: Accidental release measures

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

Use respiratory protective device against the effects of release.
Wear protective equipment.
Keep unprotected persons away.
Ensure adequate ventilation.
Particular danger of slipping on leaked/spilled product.

**Environmental precautions:**

For small spills, soak up with shop towels or absorbent material such as oil-dry or vermiculite.
For large spills, any leaks should be stopped.
Spill should be contained, then cleaned up using vacuum truck or absorbent material.

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

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Pick up mechanically.
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to Section 13.

**Reference to other sections:**

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

## SECTION 7: Handling and storage

**Precautions for safe handling:**

Avoid handling or use near extreme heat, ignition sources or open flame.
Prevent release or formation of aerosols except as intended.
Avoid splashes or spray in enclosed areas.
Use only in well ventilated areas.
Prevent from freezing.
Do not spray on an open flame or other ignition source.
**After use of this product, clean and lubricate metal surfaces to avoid staining and/or corrosion.

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

**Storage:**

**Requirements to be met by storerooms and receptacles:**

Store only in the original receptacle.
Avoid storage near extreme heat, ignition sources or open flame.

**Information about storage in one common storage facility:**

Store away from oxidizing agents.
Do not store together with alkalis/caustic solutions.
Store away from foodstuffs.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
Protect from sunlight.
Do not expose to temperatures exceeding 50 °C/122 °F.

**Further information about storage conditions:**

Store in cool, dry conditions in well-sealed containers.
Store receptacle in a well-ventilated area.

**Information about fire and explosion protection:**

Keep away from heat, sunlight, fire and ignition sources. Do not puncture or burn container.

## SECTION 8: Exposure controls/personal protection

Safety glasses

Protective gloves

**Control Parameters:** No applicable occupational exposure limits.

**Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Exposure controls:**

**General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.

**Respiratory protection:**

Not required under normal conditions of use.
Use suitable respiratory protective device when aerosol or mist is formed.
Use suitable respiratory protective device in case of insufficient ventilation.
Use respiratory protection when grinding or cutting material.
For spills, respiratory protection may be advisable.

**Protection of hands:**

Protective gloves should be worn. The glove material has to be impermeable and resistant to the product. Selection of the glove material should be based on the penetration time, rates of diffusion and the degradation of the glove material. The exact break through time has to be determined by the manufacturer of the protective gloves.

**Eye protection:** Contact lenses should not be worn.

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

| | | | |
|---|---|---|---|
| **Appearance** | | **Explosion limit** | |
| **Physical state:** | Pressurized liquid w/ propellant. | **Lower:** | Not determined. |
| | | **Upper:** | Not determined. |
| **Color:** | Amber. | **Vapor pressure:** | Not applicable. |
| **Odor:** | Mild. | **Vapor density:** | Not Determined. |
| **Odor threshold:** | Not determined. | **Density:** | 0.90 g/ml |
| **pH-value:** | Not applicable. | **Solubility:** | Insoluble in water. |
| **Melting/Freezing point:** | Not applicable. | **Partition coefficient** | |
| **Boiling point/Boiling range:** | Not determined. | **(n-octanol/water):** | Not determined. |
| **Flash point (closed cup):** | 372 ° F / 189 °C | **Auto -ignition temperature:** | 680 ° F / 360 °C |
| **Evaporation rate:** | Not determined. | **Decomposition temperature:** | Not determined. |
| **Flammability (solid, gaseous):** | Combustible. | | |
| **Viscosity:** | Not Determined | | |
| **Non-standard parameters:** | None noted. | | |

## SECTION 10: Stability and reactivity

**Reactivity:** Flammable, pressurized gas.

**Chemical stability:**

Stable at ambient temperatures and pressure.
Elevated temperature and exposure to strong alkalis, oxidizers, and/or acids will promote decomposition.
At normal room temperatures, decomposition is virtually nil.
Exposure to strong direct sunlight may cause decomposition and discoloration of some components present in this product.

**Possible hazardous reactions:**

Reacts with strong oxidizing agents.
Reacts with strong acids and alkali.
Toxic fumes may be released if heated above the decomposition point.

**Conditions to avoid:** Store away from oxidizing agents.

**Incompatible materials:**

Contact with alkali materials.
Oxidizers.
Acids.

**Hazardous decomposition products:**

Carbon monoxide.
Carbon dioxide.
Phosphorus compounds.
Nitrogen oxides (NOx).

## SECTION 11: Toxicological information

**Acute Toxicity:** No data available.

**Routes of Entry:** Inhalation, Ingestion, Skin, Eye.

**Acute effects (acute toxicity, irritation and corrosivity):** None known.

**Chronic Effects on Humans:** None known.

**Mutagenicity:** None known.

**Carcinogenicity:** Not classified

**Reproductive Effects:** None known.

**Other Effects on Humans:** None known.

## SECTION 12: Ecological information

**Information on Eco-toxicological effects**

**Toxicity:** No additional information.

**Aquatic toxicity:** The material is not classified as harmful to the aquatic environment.

**Repeated dose toxicity:** None known.

**Persistence and degradability:** The product is not readily biodegradable.

**Bioaccumulative potential:** No additional information.

**Ecotoxical effects:** No additional information.

**Mobility in soil:** No additional information.

**General notes:**

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

**Other adverse effects:** No additional information.

## SECTION 13: Disposal considerations

**Waste treatment methods**

**Recommendation:**

Product/containers must NOT be disposed together with household garbage.

Do not allow product to reach sewage system or open water.

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

Consult federal state/ provincial and local regulations regarding the proper disposal of waste material that may incorporate some amount of this product.

Suitable absorbents include non-combustible liquid-binding material (natural minerals such as clay, sand, diatomite; activated charcoal, man-made polymers such as HD polyethylene; acid binders, or universal binders, if they are non- biodegradable).

**Uncleaned packaging:**

**Recommendation:**

Do not pierce or burn aerosol containers.

Disposal must be made in accordance with all local, state and federal regulations.

**Component Waste Numbers:** No EPA Waste Numbers are applicable for this product's components**.**

## SECTION 14: Transport information

**US DOT Transportation Information**

**Proper shipping name:**

**DOT, ADR, IMDG, IATA:** Non-flammable (LTD QTY)

**UN-Number**

**DOT, ADR, IMDG, IATA:** 1950

**Hazard class:**

**DOT, ADR, IMDG, IATA:** 2.2

**Packing group:**

**DOT, ADR, IMDG, IATA:** N/A

**Transport hazard class:**

**Class:** Not Regulated.

**Label:** None.

**Environmental hazards:**

**Marine pollutant:** No.

**Special precautions for user:** Not applicable.

## SECTION 15: Regulatory information

**United States (USA)**

**General Product Information:** No additional information available.
**Component Analysis:** No additional information available.

**The following is provided to aide in the preparation of SARA 311 and 312 reports.**
**SARA 311/312:**
**Acute Health Hazard:** No.
**Chronic Health Hazard:** No.
**Fire Hazard:** No.
**Sudden Release of Pressure Hazard:** Yes.
**Reactive Hazard:** No.

**TSCA (Toxic Substances Control Act):** All ingredients are listed.
**Clean Air Act:** None of the ingredient are listed.

**Proposition 65 (California):**
**Chemicals known to cause cancer:** None of the ingredient are listed.
**Chemicals known to cause reproductive toxicity for females:** None of the ingredient are listed.
**Chemicals known to cause reproductive toxicity for males:** None of the ingredient are listed.
**Chemicals known to cause developmental toxicity:** None of the ingredient are listed.

**Canada**

**Canadian Domestic Substances List (DSL):** All ingredients are listed.
**Canadian Ingredient Disclosure list (limit 0.1%):** None of the ingredient are listed.
**Canadian Ingredient Disclosure list (limit 1%):** None of the ingredient are listed.

## SECTION 16: Other information

**Effective date:** 04/30/2015 **US Only (GHS) Version**

This information is based on our present knowledge according to 29 CFR 1910/1200 and GHS Rev 3. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
IMDG: International Maritime Code for Dangerous Goods.
DOT: US Department of Transportation.
IATA: International Air Transport Association.
ACGIH: American Conference of Governmental Industrial Hygienists.
EINECS: European Inventory of Existing Commercial Chemical Substances.
ELINCS: European List of Notified Chemical Substances.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
NFPA: National Fire Protection Association (USA).
HMIS: Hazardous Materials Identification System (USA).
WHMIS: Workplace Hazardous Materials Information System (Canada).
LC50: Lethal concentration, 50 percent.
LD50: Lethal dose, 50 percent.

Tap Magic SDSs are available at www.tapmagic.com
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