

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.30.2017

Tap Magic PROTAP Aerosol

SECTION 1: Identification

Material name: Tap Magic PROTAP Aerosol

Product code: 30012PL

Recommended use of the product and restriction on use:

Machining, Cutting, Tapping, and Metal Processing.

Manufacturer or supplier details

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

SECTION 2: Hazard(s) identification

GHS classification:

Compressed gases.

Eye irritation, category 2A.

Skin sensitization, category 1.

Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements:

H280 Contains gas under pressure; may explode if heated

H319 Causes serious eye irritation

H317 May cause an allergic skin reaction

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 If on skin: Wash with soap and water.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P321 Specific treatment (see supplemental first aid instructions on this label).

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P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

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

P501 Dispose of contents and container as instructed in Section 13.

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Wt. %
CAS number: 124-38-9	Carbon dioxide	<10
CAS number: 463-40-1	Linolenic acid	<2
CAS number: 373-49-9	(Z)-hexadec-9-enoic acid	5-10
CAS number: 112-62-9	Methyl oleate	5-10

SECTION 4: First-aid measures

Description of first aid measures

After inhalation:

Loosen clothing as necessary and position individual in a comfortable position.

Maintain an unobstructed airway.

Get medical advice/attention if you feel unwell.

After skin contact:

Rinse affected area with soap and water.

If symptoms develop or persist, seek medical attention.

After eye contact:

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open.

Remove contact lenses, if present and easy to do so.

Continue rinsing for 15-20 minutes.

Get medical advice if eye irritation persists.

After swallowing:

Rinse mouth thoroughly.

Seek medical attention if irritation, discomfort, or vomiting persists.

Most important symptoms and effects, both acute and delayed

Acute symptoms:

No information available.

Delayed symptoms:

No information available.

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Immediate medical attention and special treatment:

No information available.

SECTION 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

Unsuitable extinguishing media:

No information available.

Specific hazards during fire-fighting:

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.

Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

Additional information:

Shut off sources of ignition.

Carbon monoxide and carbon dioxide may form upon combustion.

Heating causes a rise in pressure, risk of bursting and combustion.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Ensure air handling systems are operational.

Wear protective eye wear, gloves and clothing.

Environmental precautions:

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders).

Dispose of contents / container in accordance with local regulations.

Reference to other sections:

None

SECTION 7: Handling and storage

Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

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Do not puncture, crush, or incinerate containers, even when empty.
Protect cylinders from physical damage.

Conditions for safe storage, including any incompatibilities:

Protect from freezing and physical damage.
Protect from direct sunlight.
Store in a cool, well-ventilated area.
Store cylinders upright.
Store away from all ignition sources (open flames, hot surfaces, direct sunlight, spark sources).

SECTION 8: Exposure controls/personal protection

Components with workplace control parameters:

Component name	Identifier	Permissible concentration
Carbon dioxide	124-38-9	ACGIH TWA 5,000 ppm
Carbon dioxide	124-38-9	ACGIH STEL 30,000ppm
Carbon dioxide	124-38-9	OSHA TWA 5,000 ppm 9,000 mg/m3
Carbon dioxide	124-38-9	NIOSH ST 30,000 ppm 54,000 mg/m3

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Eye protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.
Wear appropriate clothing to prevent any possibility of skin contact.

General hygienic measures:

Avoid contact with skin, eyes and clothing.
Wash hands before breaks and at the end of work.
Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

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Appearance (physical state, color):	Yellow Liquid	Explosion limit lower: Explosion limit upper:	Not determined or not available. Not determined or not available.
Odor:	Pleasant	Vapor pressure:	16 mm at 55°C
Odor threshold:	Not determined or not available.	Vapor density:	Not determined or not available.
pH-value:	Not determined or not available.	Relative density:	0.89 at 23°C
Melting/Freezing point:	Not determined or not available.	Solubilities:	Not determined or not available.
Boiling point/range:	Not determined or not available.	Partition coefficient (n-octanol/water):	Not determined or not available.
Flash point (closed cup):	190°C	Auto/Self-ignition temperature:	Not determined or not available.
Evaporation rate:	Not determined or not available.	Decomposition temperature:	Not determined or not available.
Flammability (solid, gaseous):	Not determined or not available.	Dynamic viscosity:	39 cSt at 40°C
Density:	Not determined or not available.	Kinematic viscosity:	Not determined or not available.

SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None known.

SECTION 11: Toxicological information

Exposure routes:

No information available.

Acute toxicity:

No information available.

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Skin corrosion/irritation:

(Z)-hexadec-9-enoic acid: Irritating to the skin.

Serious eye damage/irritation:

(Z)-hexadec-9-enoic acid: Irritating effect on the eyes.

Methyl oleate: May cause mild irritation.

Respiratory or skin sensitization:

Linolenic acid : May cause an allergic skin reaction.

Carcinogenicity:**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 information available.

Reproductive toxicity:

No information available.

STOT-single and repeated exposure:

(Z)-hexadec-9-enoic acid : Component affects the respiratory system.

Aspiration toxicity:

No information available.

Additional toxicological information

No information available.

SECTION 12: Ecological information

Ecotoxicity:

No information available.

Persistence and degradability:

No information available.

Bioaccumulative potential:

No information available.

Mobility in soil:

No information available.

Other adverse effects:

No information available.

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SECTION 13: Disposal considerations


Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.

SECTION 14: Transportation information


Land transport:

DOT (49 CFR) transport

UN Number:	UN1950
UN Proper shipping name:	Aerosol, non-flammable
UN Transport hazard classes:	2
Packing group:	N/A
Danger label:	2.2 Non-flammable non-toxic gases 
Environmental hazards:	No
Special precautions for user:	None

Air transport:

IATA-DGR

UN Number:	UN1950
UN Proper shipping name:	Aerosol, non-flammable
UN Transport hazard classes:	2
Packing group:	N/A
Danger label:	2.2 Non-flammable non-toxic gases 
Environmental hazards:	No
Special precautions for user:	None

Sea transport:


IMDG

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UN Number:	UN1950
UN Proper shipping name:	Aerosol, non-flammable
UN Transport hazard classes:	2
Packing group:	N/A
Danger label:	2.2 Non-flammable non-toxic gases 
EMS code:	None
Environmental hazards:	No
Special precautions for user:	None
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable	

SECTION 15: Regulatory information

North American

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

Acute, Pressure

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):

373-49-9 (Z)-hexadec-9-enoic acid: not listed.

463-40-1 Linolenic acid: listed.

112-62-9 Methyl oleate: listed.

124-38-9 Carbon dioxide: 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

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DSL (Canadian Domestic Substances List):

373-49-9 (Z)-hexadec-9-enoic acid: not listed.

463-40-1 Linolenic acid: listed.

112-62-9 Methyl oleate: listed.

124-38-9 Carbon dioxide: listed.

SECTION 16: Other information

Abbreviations and Acronyms: None

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 1-0-1

HMIS: 1-0-1

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