

Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 03.18.2015

Page 1 of 7

Tap Magic Aluminum

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

Product name: Tap Magic Aluminum

Manufacturer/Supplier Trade name:

Manufacturer/Supplier Article number: 20004A, 20016A, 20128A, 20640A, 23840A,
27040A

Recommended uses of the product and restrictions on use: Machining, cutting, tapping and metal processing

Manufacturer Details:

The Steco Corporation
2330 Cantrell Road
Little Rock, Ar 72202
501-375-5644
steco@tapmagic.com

Emergency telephone number:

ChemTel Inc
+1(800)255-3924
+1(813)248-0585

SECTION 2: Hazards identification

Classification of the substance or mixture:



Environmentally Damaging



Health hazard



Irritant

Flammable liquids (Category 4), H227.
Skin irritation (Category 2), H315.
Aspiration hazard (Category 1), H304.
Chronic aquatic toxicity (Category 3), H411.

Signal word: Warning

Hazard statements:

Combustible liquid.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Toxic to aquatic life with long lasting effects.

Precautionary statements:

If medical advice is needed, have product container or label at hand.
Avoid release to the environment.

Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 03.18.2015

Page 2 of 7

Tap Magic Aluminum

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do NOT induce vomiting.

If on skin: Gently wash with plenty of soap and water.

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

Store in a well ventilated place. Keep container tightly closed.

Dispose of contents and container as instructed in Section 13.

Other Non-GHS Classification: None

SECTION 3: Composition/information on ingredients

Ingredients:		
CAS 111-82-0	Aliphatic Organic Ester	30-45 %
CAS 64742-47-8	Hydrotreated Light Distillates	45-65 %
Percentages are by weight		

SECTION 4: First aid measures

Description of first aid measures

After inhalation:

Move exposed individual to fresh air. Loosen clothing as necessary and position individual in a comfortable position. Seek medical advice if discomfort or irritation persists. If breathing difficult, give oxygen.

After skin contact:

Wash affected area with soap and water. Rinse/flush exposed skin gently using water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

After eye contact:

Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After swallowing:

IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed:

Irritation. Nausea.

Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents:

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

Unsuitable extinguishing agents:

None identified.

Special hazards arising from the substance or mixture:

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

Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 03.18.2015

Page 3 of 7

Tap Magic Aluminum

Advice for firefighters:

Protective equipment:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Additional information (precautions):

Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental precautions:

Should not be released into environment.

Methods and material for containment and cleaning up:

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Keep in suitable closed containers for disposal. Refer to Section 13. Always obey local regulations.

Reference to other sections: None

SECTION 7: Handling and storage

Precautions for safe handling:

Avoid contact with skin, eyes, and clothing. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances. Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed. Store away from incompatible materials.

SECTION 8: Exposure controls/personal protection



Control Parameters:

No applicable occupational exposure limits.

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:

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Protection of skin:

Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Contact glove manufacturer for specific information. Wear appropriate clothing to prevent any possibility of skin contact.

Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 03.18.2015

Page 4 of 7

Tap Magic Aluminum

Eye protection: Safety glasses or goggles are appropriate eye protection.
General hygienic measures: Avoid contact with skin, eyes, and clothing.

SECTION 9: Physical and chemical properties

Appearance (physical state, color):	Liquid, Yellow	Explosion limit lower: Explosion limit upper:	Not determined or not available Not determined or not available
Odor:	Pleasant	Vapor pressure at 20°C:	Not determined or not available
Odor threshold:	Not determined or not available	Vapor density:	Not determined or not available
pH-value:	Not determined or not available	Relative density:	Not determined or not available
Melting/Freezing point:	Not determined or not available	Solubilities:	None
Boiling point/Boiling range:	Not determined or not available	Partition coefficient (n-octanol/water):	Not determined or not available
Flash point (closed cup):	185F	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	Viscosity:	a. Kinematic: 12 cSt at 40 C b. Dynamic: Not determined or not available
Density at 20°C:	0.83 g/ml at 20°C		

SECTION 10: Stability and reactivity

Reactivity:

Nonreactive under normal conditions.

Chemical stability:

Stable under normal conditions.

Possible hazardous reactions:

None under normal processing.

Conditions to avoid:

Incompatible materials. Excess heat.

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

No data available.

SECTION 11: Toxicological information

Acute Toxicity:

Oral:

LD50 Oral - Rat - > 2,000 mg/kg 111-82-0 Aliphatic Organic Ester

Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 03.18.2015

Page 5 of 7

Tap Magic Aluminum

Inhalation:

LC50 Inhalation - Rat - 4 h - > 5 mg/ 111-82-0 Aliphatic Organic Ester

Chronic Toxicity: No additional information.

Skin corrosion/irritation: No additional information.

Serious eye damage/irritation: No additional information.

Respiratory or skin sensitization: No additional information.

Carcinogenicity:

Distillates (petroleum), hydrotreated light, kerosene - unspecified: IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans.

Germ cell mutagenicity: No additional information.

Reproductive Toxicity: No additional information.

STOT-single and repeated exposure: No additional information.

Additional toxicological information: No additional information.

SECTION 12: Ecological information

Ecotoxicity: No additional information.

Persistence and degradability: No additional information.

Bioaccumulative potential: No additional information.

Mobility in soil: No additional information.

Other adverse effects: No additional information.

SECTION 13: Disposal considerations

Waste disposal recommendations:

Dispose of empty containers as unused product. Product or containers must not be disposed together with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11).

SECTION 14: Transport information

US DOT

UN Number:

ADR, ADN, DOT, IMDG, IATA

Not Regulated

Limited Quantity Exception:

None

Bulk:

RQ (if applicable): None.

Proper shipping Name: Not Classified.

Hazard Class: None

Packing Group: N/A.

Marine Pollutant (if applicable): Yes

Comments: None

Non Bulk:

RQ (if applicable): None.

Proper shipping Name: Not Classified.

Hazard Class: None

Packing Group: N/A.

Marine Pollutant (if applicable): Yes

Comments: None



Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 03.18.2015

Page 6 of 7

Tap Magic Aluminum

SECTION 15: Regulatory information

United States (USA)

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

Acute

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

RCRA (hazardous waste code):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

None of the ingredients are listed.

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):

All ingredients are listed.

SECTION 16: Other information

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. Note. 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. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the

Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 03.18.2015

Page 7 of 7

Tap Magic Aluminum

SDS contains all the information required by the Controlled Products Regulations. Note.

NFPA: 1-1-0

HMIS: 1-0-0

GHS Full Text Phrases: None

Abbreviations and Acronyms:

IMDG International Maritime Code for Dangerous Goods.

PNEC Predicted No-Effect Concentration (REACH).

CFR Code of Federal Regulations (USA).

SARA Superfund Amendments and Reauthorization Act (USA).

RCRA Resource Conservation and Recovery Act (USA).

TSCA Toxic Substances Control Act (USA).

NPRI National Pollutant Release Inventory (Canada).

DOT US Department of Transportation.

IATA International Air Transport Association.

GHS Globally Harmonized System of Classification and Labelling of Chemicals.

ACGIH American Conference of Governmental Industrial Hygienists.

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).

DNEL Derived No-Effect Level (REACH).

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