SDS Number: Tap Magic Cutting Fluid
Revision Date: April 2, 2025

SAFETY DATA SHEET

This Safety Data Sheet (SDS) covers welding consumables and related products and complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Superfund Amendments and Reauthorization Act (SARA) of 1986. Refer to the OSHA standard for specific requirements. This SDS is available on our website at www.forneyind.com, through your sales representative, or by contacting customer service at 1-800-521-6038.

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION:

Manufacturer/Supplier:	Forney Industries, Inc.
Address:	2057 Vermont Drive Fort Collins, CO 80525
Website:	www.forneyind.com
Email:	CustomerService@forneyind.com
Phone Number:	+1 (800) 521-6038
USA Emergency Phone Number:	+1 (800) 535-5053
International Emergency Phone Number:	+1 (352) 323-3500
Trade Name:	Tap Magic Cutting Fluid
Recommended Use:	Cutting Fluid; Metal Working
Restrictions on Use:	Use only for intended applications
Forney ITEM#'s:	**20858, 20859**

SECTION 2 – HAZARDS IDENTIFICATION:

Classification
This product is not considered hazardous by either the US 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) or the Canadian Workplace Hazardous Material Information System (WHMIS 2015).

Label elements

Hazard statements
Not classified.

Other information
No information available.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS:

Substance
Not applicable.

Mixture
The product contains no substances which at their given concentration, are considered to be hazardous to health.

Synonyms Cutting Fluid, Tapping Fluid

SAFETY DATA SHEET

SECTION 4 – FIRST AID MEASURES:

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. If symptoms persist, call a physician. If breathing has stopped, give artificial respiration. Get medical attention immediately.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids.

Skin contact Wash skin with soap and water. Get medical attention if symptoms occur.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid breathing vapors or mists. Use personal protective equipment as required. See section 8 for more information.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Effects of Exposure No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES:

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Water spray jet.

Specific hazards arising from the chemical

Fire may produce irritating, corrosive and/or toxic gases.

Hazardous combustion products Carbon dioxide (CO2), Carbon oxides, Nitrogen oxides (NOx).

Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

Special protective equipment and

SAFETY DATA SHEET

precautions for fire-fighters
Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.
Use personal protection equipment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Evacuate personnel to safe areas. Do not touch or walk through spilled material.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

SECTION 7 – HANDLING AND STORAGE:

Precautions for safe handling
Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep/store only in original container. Protect from sunlight.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Control parameters
Exposure Limits
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls
Engineering controls
Showers Eyewash stations
Ventilation systems.

SAFETY DATA SHEET

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION (Continued):

Individual protection measures, such as personal protective equipment **Eye/face protection** Safety glasses with side shields.

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection ***Wear suitable protective clothing. Chemically resistant materials and fabrics. (EN ISO 6529).***

Respiratory protection ***No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.***

Environmental exposure controls ***Keep container closed when not in use.***

General hygiene considerations ***Do not eat, drink or smoke when using this product.***

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES:

Information on basic physical and chemical properties **Appearance**

Physical state	Liquid
Color	Amber
Odor	Pleasant
Odor threshold	No information available

Property	**Values**	**Remarks • Method**
pH		No data available
Melting point / freezing point		No data available
Initial boiling point and boiling range		No data available
Flash point	> 188 °C / > 370.4 °F	
Evaporation rate		No data available
Flammability		No data available
Flammability Limit in Air		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Vapor pressure		No data available
Relative vapor density		No data available
Relative density	0.89 g/ml	
Water solubility		No data available
Solubility(ies)	260.0°C/500	No data available
Partition coefficient	°F	No data available
Autoignition temperature		
Decomposition temperature		No data available
Kinematic viscosity	39 cSt	@ 40 °C
Dynamic viscosity		No data available

SAFETY DATA SHEET

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES (Continued):

Other information

Explosive properties	No information available.
Oxidizing properties	No information available.
Softening point	No information available
Molecular weight	No information available
VOC content	0.37
Liquid Density	No information available
Bulk density	No information available

SECTION 10 – STABILITY AND REACTIVITY:

Reactivity	None under normal use conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Excessive heat.
Incompatible materials	Strong oxidizing agents, Alkali, Thermal decomposition can lead to release of irritating and toxic gases and vapors.

SECTION 11 – TOXICOLOGICAL INFORMATION:

Information on likely routes of exposure

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics **Symptoms**

No information available.

Acute toxicity **Numerical measures of toxicity**
Based on available data, the classification criteria are not met

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

SAFETY DATA SHEET

SECTION 12 – ECOLOGICAL INFORMATION:

Ecotoxicity The environmental impact of this product has not been fully investigated.

Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Mobility No information available.

Other adverse effects No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS:

Disposal methods

Waste from residues/unused products
Dispose of in accordance with local regulations, Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14 – TRANSPORT INFORMATION:

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG Not regulated

SECTION 15 – REGULATORY INFORMATION:

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

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories
Contact supplier for inventory compliance status

SAFETY DATA SHEET

SECTION 15 – REGULATORY INFORMATION:

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Oleic acid 112-80-1	-	-	X
Boron 7440-42-8	X	-	-
Benzotriazole 95-14-7	-	X	-

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

SECTION 16 – OTHER INFORMATION:

NFPA	**Health hazards**	0	**Flammability**	1	**Instability**	0	**Special hazards**	-
HMIS	**Health hazards**	0	**Flammability**	1	**Physical hazards**	0	**Personal protection**	X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend

SVHC: Substances of Very High Concern for Authorization:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances STOT: Specific Target Organ Toxicity
ATE: Acute Toxicity Estimate LC50: 50% Lethal Concentration
LD50: 50% Lethal Dose

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
+	Sensitizers		

SAFETY DATA SHEET

SECTION 16 – OTHER INFORMATION (Continued):

Key literature references and sources for data used to compile the SDS
U.S. Environmental Protection Agency ChemView Database European Food Safety Authority (EFSA)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID) Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS) NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications Organization for Economic Co-operation and Development High Production Volume Chemicals Program Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization