

Issue Date: 06-Oct-2014

Revision Date: 12-Dec-2019

Version 3

1. IDENTIFICATION

Product Identifier

Product Name TD FOAMY TAPPING (AERO)

Other means of identification

Item# D-1502-06 D-1502-20

UN/ID No UN1950

Recommended use of the chemical and restrictions on use

Recommended Use Tapping and drilling metal.

Details of the supplier of the safety data sheet

Supplier Address

 Ashburn Chemical Technologies
 7403 Wright Rd
 Houston, TX 77041

Emergency Telephone Number

Company Phone Number

832-399-1000

Emergency Telephone (24 hr)

 INFOTRAC 1-352-323-3500 (International)
 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

This product is classified under US OSHA 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

Physical Hazards

 Flammable Aerosol Category 2
 Gas under pressure (OSHA) liquefied gas

Health Hazards

 Acute Toxicity - Inhalation (gas/mist) Category 4
 Acute Aquatic Category 1
 Chronic Aquatic Category 1

Signal Word

WARNING



Hazard Statements

 H223 Flammable aerosol
 H280 Contains gas under pressure, may explode if heated
 H332 Harmful if inhaled
 H410 Very toxic to aquatic life with long lasting effects

Precautionary Statements - Prevention

 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

P261 Avoid breathing dust/fume/gas/mist/vapors/spray
 P271 Use only outdoors or in a well-ventilated area
 P273 Avoid release to the environment

Precautionary Statements - Response

P304+P340+ P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Immediately call a poison center or doctor/physician
 P391 Collect spillage

Precautionary Statements - Storage

P405 Store locked up
 P410+P412 Protect from sunlight. Do not store at temperatures exceeding 50°C 122°F.
 P403 Store in a well-ventilated place

Precautionary Statements - Disposal

P501 Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Alkanes (C14.17), Chloro	85535-85-9	10-20
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	10-20
Propane	74-98-6	10-30

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Flush immediately with copious amounts of water for 15 minutes. If irritation persists, see physician.
Skin Contact	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
Ingestion	Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek immediate medical attention/advice.

Most important symptoms and effects

Symptoms	May cause eye, skin and respiratory tract irritation. May include redness, drying and cracking of skin.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable / Unsuitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames. DO NOT use stream of water (could cause fire to spread).
Specific Hazards Arising from the Chemical	A mixture of liquids and gases including smoke, fumes, carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion Pressurized container: May burst if heated.
Protective equipment / Precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin or eyes. Avoid breathing dust/fume/gas/mist/vapors/spray See SECTION 8 for Personal Protective Equipment
Environmental Precautions	Prevent entry into waterways, rivers, lakes, drains, surface water, or ground water. Prevent further leakage or spillage if safe to do so. See SECTION 12 for Ecological Information
Methods for Clean-Up	Absorb or cover with dry earth, sand or other non-combustible material. Sweep up absorbed material and shovel into suitable containers for disposal. If the product contaminates rivers and lakes or drains inform respective authorities Discard any product, residue, disposable container or liner in full compliance with federal state, and local regulations. See SECTION 13 for Waste Disposal

7. HANDLING AND STORAGE

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Use only with adequate ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not puncture or incinerate cans. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.
Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store at temperatures above 120°F.
Incompatible Materials	Oxidizing agents. Strong acids. Strong alkalis.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Information

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OELs
Hydro treated naphthenic distillates (mist) 64742-53-6	TWA: 5 mg/m ³ STEL: 10 mg/m ³	PEL: 5 mg/m ³ 8 hours (mist).	STEL: 10 mg/m ³ 15 minutes.	
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³	VLE-PPT: 1,000 ppm

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
NIOSH: National Institute for Occupational Safety and Health

TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit

Engineering Controls Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.
 Maintain eye wash fountain and quick-drench facilities in work area.

Personal Protective Equipment

- Eye/Face Protection** Safety glasses with side shields are recommended.
- Skin and Body Protection** Impervious gloves such as neoprene or solvex can be used.
- Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Aerosol	Odor	Slight; Petroleum
Appearance	Clear liquid in an aerosol	Odor Threshold	Not determined
Color	Clear		
Property	Values	Remarks • Method	
pH	N/A		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	> 100 °C / > 212 °F		
Flash Point	> 235 °C / > 455 °F		Bulk Fluid-Non-Aerosol (PMCC)
Evaporation Rate	> 1.0		(butyl acetate = 1)
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	< 5.0		(Air=1)
Specific Gravity	0.894 Aerosol / 1.04 Bulk		
Water Solubility	Nil		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

- Reactivity** Not reactive under normal conditions
- Chemical Stability** Stable under recommended storage conditions.
- Possibility of Hazardous Reactions** None under normal processing.
- Conditions to Avoid** Heat and sparks
- Incompatible Materials** Oxidizing agents. Strong acids. Strong alkalis.

Hazardous Decomposition Products

Thermal decomposition and combustion are not expected to occur except under extreme conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure***Product Information***

Eye Contact	May cause temporary irritation on eye contact.
Skin Contact	Prolonged contact may cause redness and irritation.
Inhalation	Harmful if inhaled. May cause irritation to the mucous membranes and upper respiratory tract.
Ingestion	May cause gastrointestinal irritation or diarrhea.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 5 mg/L (Rat) 4 h
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h

Information on physical, chemical and toxicological effects

Aspiration hazard	Not determined
Skin sensitization	Not determined
Carcinogenicity	Not determined
STOT- repeated/single exposure	Not determined
Gem Cell Mutagenicity	Not determined
Reproductive Toxicity	Not determined
Other Information	Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity Product is very toxic to aquatic life with long lasting effects.

Component Information

Alkanes (C14.17), Chloro CAS# 85535-85-9
 EC50 daphnia magna, 0.0059 mg/l, 48-hr
 NOEC daphnia magna, 0.010 mg/l, 21 day

Distillates (PET), hydrotreated light naph CAS # 64742-53-6
 LC50 Oncorhynchus mykiss 5000 mg/kg 96 hr
 EC50 Daphnia magna 1,000mg/L 48 hr

Persistence/Degradability	Product is not expected to be readily biodegradable.
Bioaccumulation	Does not break down naturally and has potential to bioaccumulate in aquatic organisms.
Mobility	Not expected

Component Information	Partition Coefficient
Propane 74-98-6	2.3
Alkanes (C14.17), Chloro 85535-85-9	4.9 - 12

Other Adverse Effects Not determined

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Do not re-use empty containers for other substances. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT (each not exceeding 1 L capacity) Limited Quantity
UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard Class 2.1

IATA (each not exceeding 1 L capacity) Limited Quantity
UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard Class 2.1

IMDG (each not exceeding 1 L capacity) Limited Quantity
UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard Class 2.1

15. REGULATORY INFORMATION

International Inventories The components in the product are on the following Inventory lists: (X = listed)

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	INSQ	KECL	AICS
PET distillates, hydrotreated light, naph	x	x		x			x	x	x
Alkane (C14-17), Chloro	x	x		x			x	x	
Propane	x	x		x		x	x	x	

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- INSQ- Mexico National Inventory of Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

US Federal Regulations

EPCRA – Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quality This material does not contain any component with a CERCLA RQ

SARA 311/312 Hazard Categories Flammable Aerosol
Gas Under Pressure
Acute Toxicity (Inhalation)

SARA 313 This product does not contain any chemical(s) regulated under the Section 313 Title III of the Superfund Amendments and Reauthorization Act

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
Propane 74-98-6	X	X	X
Pet distillates, hydrotreated light naphthenic	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	2	0	
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	2	0	determined by end user

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 24-Mar-2018 Update

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.

End of Safety Data Sheet