



SAFETY DATA SHEET

Part No. TSMS2OZSBSC,
TSMS8OZDPRPCAN, TSMS1GAL,
TSMS5GAL, TSMS55GAD &
TSMS275GAL (Liquid)

Print Date: 11/2/22
Revision Date: 11/01/2022
Supersedes Date: 8/02/2022
Issue Date: 3/26/2013
Version: 1.a (EN)-US

Trick Shot® Machinist Drill and Tap Cutting Fluid - Liquid

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Name : Trick Shot Sustainable Products – Machinist Tap & Drill Fluid, Liquid
Manufacturer Product Number : TSMS2OZSBSC, TSMS8OZDPR, TPMS1GAL, TSMS5GAL, TSMS55GAD & TSMS275GAD
Other Manufacturer Ids : 2 Ounce PET Dropper (Manufacturer's Sample), 8 Ounce Steel Dropper Can, 1 Gallon Can, 5 Gallon Pail, 55 Gallon Drum & 275 Gallon Tote

1.2 Other Means of Identification

Other Identifiers : Biodegradable Soy Oil Plus, Proprietary Thickeners, Solvent Dye

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use : High performance, long lasting machinist drill and tap cutting fluid that reduces friction, prolongs tool life, and protects metal surfaces.
Restrictions on Use : None Identified

1.4 Supplier Details

	Manufacturer Details	Supplier Details
Company Name	: GRIZ ROCK, LLC	STAAR Lubricants, LLC
Address	: 560 Myrtle Street, Reynoldsville, PA 15851	560 Myrtle Street, Reynoldsville, PA 15851
Phone Number	: 914-612-2115	814-612-2115
Fax Number	: 814-612-2059	814-612-2059
Email	: sales@staarlubricants.com	sales@staarlubricants.com
Website		www.itdoesthetrick.com

1.5 24 hr Emergency Phone Number

Emergency Number : 1-800-255-3924
Chem-Tel

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

This product does not meet the classification requirements of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2 Label Elements

This product does not meet the labeling requirements of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

2.4 Unknown acute toxicity

Not applicable

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : Mixture

3.2 Composition

Substance name	CAS Number*	% wt*	Classification
Soy Oil Plus		70 – 95%	Not classified
Proprietary, neutral polymer thickeners		5 – 30%	Not classified



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Substance name	CAS Number*	% wt*	Classification
Solvent Dye (for visibility)		0 – 1%	Not classified

Full text of hazard classes and H-statements : see section 16

*Chemical names, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4 - FIRST-AID MEASURES

4.1 Description of First-Aid Measures

General Measures	: No hazards which require special first aid measures. If exposed or concerned: Get medical advice/attention.
Inhalation	: Remove person to fresh air and keep comfortable for breathing. Consult Doctor in case of complaints.
Skin Contact	: Wash skin with soap and plenty of water. If skin irritation continues, consult a doctor.
Eye Contact	: Rinse eyes with water as a precaution. If symptoms persist, consult a doctor.
Ingestion	: No special measures required. Call a poison center or a doctor if you feel unwell.
First-Aid Responder Protection	: Wear adequate personal protective equipment based on the nature and severity of the emergency.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms of Exposure	: None Identified.
Delayed Effects	: No known delayed effects.
Immediate Effects	: No known immediate effects.
Chronic Effects	: No known chronic effects.
Target Organs	: None Identified.

4.3 Indication of Immediate Medical Attention and Special Treatment

Notes to Physician	: Treat symptomatically.
Specific Treatments/Antidotes	: No Information Available.
Medical Conditions Aggravated	: May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Extinguishing Media	: Use extinguishing media suitable for surrounding materials.
Unsuitable Media	: Avoid extinguishing media unsuitable for surrounding materials.

5.2 Specific Hazards Arising from the Chemical or Mixture

Hazardous Combustion Products	: Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.
Specific Hazards During Firefighting	: Contents are non-flammable. Use water spray to cool fire exposed steel containers, as contents can rupture violently from heat developed pressure.

5.3 Special Protective Actions for Fire-Fighters

Firefighting Instructions	: Contents are non-flammable. Use water spray to cool fire exposed steel containers, as contents can rupture violently from heat developed pressure.
Protection during Firefighting	: Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel	: No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.
For Emergency Personnel	: Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.



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6.2 Environmental Precautions

Environmental Precautions : Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.

6.3 Methods and Materials for Containment and Cleaning up

Containment Procedures : Not Available.
Cleanup Procedures : Not Available.
Other Information :
Prohibited Materials :

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling

General Handling Precautions : KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact.
Hygiene Recommendations : Do not eat, drink or smoke when using this product. Wash hands thoroughly after use.

7.2 Conditions for Safe Storage Including Any Incompatibilities

Storage Requirements : Keep containers closed when not in use. Do not store in open or unlabelled containers.
Incompatibilities : Segregate storage away from materials indicated in Section 10.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Components and Occupational Exposure Limits : None identified
Additional Information : The lists that were valid during the creation of this SDS were used as a basis.

8.2 Exposure Controls

Engineering Measures : Use only with adequate ventilation.
Personal Protective Equipment
Eye / Face Protection : Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling.
Hand Protection : Chemical-resistant gloves are not anticipated to be needed.
Skin and Body Protection : For brief contact, no precautions other than clean body-covering clothing should be needed.
Respiratory Protection : Respiratory protection is not anticipated to be needed.
Compliance : If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.
Other Protective Equipment : Safety showers and eye-wash stations should be available in the workplace
Environmental Exposure Controls : Avoid excessive release to the environment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Properties

Boiling Point	323.6 °C	Melting / Freezing Point	-8.5 °C
Flash Point, Liquid	> 188.3 °C		
Explosive Limits	Not Available	Autoignition Temperature, Liquid	Not Available
Flammability	Non-Flammable Liquid	Density	Not Available
Molecular Weight	Not Available	Weight	Not Available
Vapor Pressure	Not Available	pH	8.28
Vapor Density	Not Available	Evaporation Rate (nBac=1)	Not Available
Viscosity	Not Available	Partition Coefficient (Log Pow)	Not Available
Odor Threshold	Not Available	Refractive Index	Not Available
Physical State	Liquid	Heat Of Combustion	16960 BTU/lb
Appearance / Color	High Visibility Blue	Water Solubility	Not Available
Odor	Characteristic	Decomposition Temperature	Not Available



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9.2 Environmental Properties

Percent VOC	0.7 % wt	CA Prop 65	Compliant
Global Warming Potential	0.00 GWP	EAL/VGP	Compliant
USDA Certified Biobased	Registered, 96%		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity : This product is non-reactive under normal conditions of use, storage, and transport

10.2 Chemical Stability

Chemical Stability : This product is stable.

10.3 Possibility of Hazardous Reactions

Hazardous Reactions : Under normal conditions of storage and use, hazardous reactions are not expected to occur.

10.4 Conditions to Avoid

Conditions to Avoid : None Identified.

10.5 Incompatible Materials

Materials to Avoid : Strong Oxidizing Agents, Strong Reducing Agents

10.6 Hazardous Decomposition Products

Thermal Decomposition : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Ingestion : Ingestion may cause stomach discomfort (Oral LD50 >5g/kg)
 Skin Corrosion/Irritation : Prolonged and repeated contact may dry skin and cause irritation
 Eye Damage/Irritation : No known damage hazard. May cause irritation.
 Inhalation : No known hazard
 Germ Cell Mutagenicity : No known hazard
 Reproductive Toxicity : No known hazard
 STOT-Single Exposure : No known hazard
 STOT-Repeated Exposure : No known hazard
 Aspiration Hazard : No known hazard
 Carcinogen Data : None of the ingredients in the product are listed with EU, IARC, or NTP as being suspected or known carcinogen in a concentration greater than 0.1% by weight.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Eco-Toxicity

Oral Toxicity on mammals	OECD 401	LD (50) (WAF mg/kg)	>5,000
Toxicity to Fish	OECD 203	LC (50-48h) (WAF mg/kg)	>100,000
Toxicity to Daphnia	OECD 202	EC (50-48h) (WAF mg/kg)	>1,000
Toxicity to Algae	OECD 201	EC (50-72h) (WAF mg/kg)	>10,000
Toxicity to Bacteria	ISO 10712	EC (0-16h) (WAF mg/kg)	>1,000



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12.2 Biodegradability and Bioaccumulation Potential

Persistence and Biodegradability : Product is biodegradable in aerobic conditions (90% biodegraded within 28 days (OECD 301B Method))
Bioaccumulation/Accumulation : Accumulation in organisms is not expected, Product contains no PBT or vPcT ingredients

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal : Although this product is non-hazardous, contamination from a variety of means is possible. Waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal Of Packaging : Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallons or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.

Landfill Precautions : Not Available.

Incineration Precautions : Not Available.

SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number DOT (USA) IATA (AIR) IMDG (OCEAN)

UN Number : NONE NONE NONE

14.2 UN Proper Shipping Name DOT (USA) IATA (AIR) IMDG (OCEAN)

UN Proper Shipping Name : Non-Regulated Material Non-Regulated Material Non-Regulated Material

14.3 Transport Hazard Class(es) DOT (USA) IATA (AIR) IMDG (OCEAN)

Transport Hazard Class(es) : None None None
EmS Code : Not Applicable Not Applicable Not Applicable

14.4 Packing Group DOT (USA) IATA (AIR) IMDG (OCEAN)

Packing Group : None None None

14.5 Environmental Hazards DOT (USA) IATA (AIR) IMDG (OCEAN)

Marine Pollutant : No No No

14.6 Special Precautions

Precautions : None Identified

14.7 Transport in Bulk

Remarks : Not applicable for product as supplied

SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations

SARA Section 313 : This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TSCA Section 12(b) : This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D



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CERCLA Reportable Quantity : This product or mixture is not known to contain a chemical or chemicals subject to the release reporting requirements of section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

15.2 State Regulations

California Proposition 65 : This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

State Right-to-Know Lists : The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated

N/A

SECTION 16 - OTHER INFORMATION

Indication of changes :

Date	Revised Section
3/26/13	New
08/02/22	Created Machinist Tap & Drill Cutting Fluid Application Specific SDS Based on Pen Lube SDS
11/01/22	Various Corrections and Additions specific to product

Disclaimer of Liability

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