Safety Data Sheet

Issue Date: 09-Dec-2020 **Revision Date:** **Version** 1

1. IDENTIFICATION

Product Identifier
Product Name **2792 Drawing Lube**

Other means of identification
Item # E-2792-14, E-2792-05, E-2792-55

Recommended use of the chemical and restrictions on use
Recommended Use Metal Working Fluid
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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 chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Hazard Symbol None

Signal Word None

Precautionary Statement

Prevention Wash thoroughly after handling.
Keep out of reach of children.

Response If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF SWALLOWED: Rinse mouth. Treat symptomatically.
IF ON SKIN: Wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

Storage Store in a closed container.

Disposal Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Hazard(s) not otherwise classified None

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Component not listed are not hazardous or are at below reportable limits.

Chemical Name	CAS No	Weight-%
Polychlorotrifluoroethylene	9002-83-9	>90

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 Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses, if present and easy to do so.

Skin Contact Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Inhalation Not normally required. Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

Ingestion Rinse mouth. Treat symptomatically

Most important symptoms and effects

Symptoms No data available

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use water spray, dry chemical, sand or carbon dioxide

Unsuitable Extinguishing Media None anticipated

Specific Hazards Arising from the Chemical None

Hazardous Combustion Products No data available

Protective equipment / Precautions for firefighters Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear protective gloves/eye protection

Avoid breathing mists or vapors Cover spills with inert absorbent material. Transfer to a container for disposal or recovery

See SECTION 8 for Personal Protection.

Environmental Precautions Avoid release to the environment

See SECTION 12 for Ecological Information.

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.

	Avoid contact with skin and eyes.
Storage Conditions	Store at room temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines None of the components have assigned exposure limits

Engineering Controls Ensure adequate ventilation

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear protective eyewear (goggles, face shield, or safety glasses).

Skin and Body Protection Wear suitable gloves (Nitrile rubber).

Respiratory Protection Normally no personal respiratory protection is necessary

General Hygiene Considerations Avoid contact with skin, eyes and clothing.
Wash hands after handling this product and before eating, drinking, or smoking.
If needed, take first aid action shown on section 4 of this SDS.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid		
Appearance	Not determined	**Odor**	Not determined
Color	Not determined	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	8.0 - 9.5	
Melting Point/Freezing Point	<90 (194 °F)	
Boiling Point/Boiling Range	205 (401°F)	
Flash Point	Not determined	
Upper / lower Flammability Limits	Not determined	
Flammability (Solid, Gas)	Not flammable	
Evaporation Rate	< 1.0	
Specific Gravity	1.8 @ 38 °C	(1=Water)
Water Solubility	7416 mg/L @ 25 °C	
Solubility in other solvents	Negligible	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Rapidly at 325°C, noticeable at 300°C, safe operating temperature is 200°C and maximum short term temperature is 260°C in scrupulously clean systems	
Kinematic Viscosity	460 cSt @ 40 °C	
Vapor Pressure	133 (1 mmHg) @ 21 °C	

10. STABILITY AND REACTIVITY

Reactivity Not available.

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions None known.

Conditions to Avoid incompatible materials

Incompatible Materials Reacts with active metals like Sodium and Potassium, Amines (including additives), liquid Fluorine and liquid Chlorine Trifluoride. Caution should be used with Aluminum and Magnesium under conditions of large shear forces such as those found in threaded connections.

Hazardous Decomposition Products The decomposition to toxic, non-sludge forming volatile compounds occurs rapidly at 325°C, noticeably at 300°C and in lesser amounts at lower temperatures. Therefore, the maximum safe operating temperature recommended is 200°C and maximum short term temperature recommended is 260°C in scrupulously clean systems.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: Inhalation, Skin Contact, Eye Contact

Acute toxicity Oral: LD50 >15.9 g/kg-bw
Dermal: LD50 >5 g/kg-bw

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

Sensitization It is not a skin sensitizer.

Germ cell mutagenicity There is no evidence of mutagenic potential.

Reproductive toxicity Not to be expected.

STOT - single exposure No data available.

STOT - repeated exposure No data available.

Chronic toxicity No data available

Aspiration hazard No data available

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity (estimated / calculated) LC50(96 hour): >100 mg/l (fish)
EC50(48 hour): >100 mg/l (Daphnia magna)
EC50 (72 hour): >100 mg/l (algae)

Persistence/Degradability Persistent.

Bioaccumulation The substance has low potential for bioaccumulation.

Mobility	Not determined**.**
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 Empty remaining contents. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum. Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG / Not regulated.

15. REGULATORY INFORMATION

International Inventories TSCA: Complies
DSL/NDSL: complies

US Regulations

CERCLA This material does not contain a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 255)

SARA 311/312 Hazard Categories This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

SARA 313 Sec 313,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

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)

California Proposition 65 This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	1	0	0	**None**
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	1	0	0	determined by end user

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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