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Version: 2

## 1. IDENTIFICATION

<b>Product Name/Identifier</b>	<b>DS 2495</b>
<b>Other means of identification</b>	E-2495-05, E-2495-55, E-2495-275
<b>Recommended Use</b>	Drawing & Stamping Oil
<b>Supplier Address</b>	Ashburn Chemical Technologies 7403 Wright Rd Houston, TX 77041
<b>Company Phone Number</b>	832-399-1000
<b>Emergency Telephone (24 hr)</b>	INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

<b>Classification</b>	This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
<b>Signal Word</b>	N/A
<b>Hazard Symbol</b>	N/A
<b>Hazard Statements</b>	N/A
<b>Other Hazards</b>	Harmful to aquatic life with long lasting effect.

## 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.

## 4. FIRST-AID MEASURES

### First Aid Measures

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash contact areas with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove from further exposure. Seek medical assistance.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

**Most important symptoms and effects****Symptoms**

No significant symptoms are expected due to the non-classification of the product.  
No hazard is expected under intended use and appropriate handling.  
See SECTION 11 for delayed and chronic effects.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable / Unsuitable  
Extinguishing Media**

Use water fog, foam, dry chemical, alcohol resistant foam or carbon dioxide (CO<sub>2</sub>)  
DO NOT use straight streams of water (could cause fire to spread)

**Specific Hazards Arising  
from the Chemical**

Not determined.

**Hazardous Combustion Products**

Smoke, Fume, Incomplete combustion products, Oxides of carbon.

**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.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
See SECTION 8 for Personal Protective Equipment.

**Environmental Precautions**

Prevent entry into drains, waterways, rivers, lakes, sewers, basements or confined areas.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
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.  
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.  
Avoid breathing fumes, vapors, mists, spray.  
Wash face, hands, and any exposed skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace  
See SECTION 8 for Personal Protection.  
See SECTION 2 for Precaution Statements

**Storage Conditions**

Keep container tightly closed and store in a cool, dry and well-ventilated place.  
Do not store in open or unlabeled containers.  
Store away from heat and open flame. Storage temperature 5-40°C (41-104°F).

**Incompatible Materials**

Oxidizing agents. Strong alkalis. Strong acids.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

**Component information**

Chemical Name	ACGIH	OSHA	NIOSH
Distillates, Hydrotreated Light Naphthenic 64742-52-5	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> 15 min

**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**TWA:** Time weight average**STEL:** Short Term Exposure Limit**Engineering Controls**

Provide exhaust ventilation or adequate ventilation is required to keep airborne concentrations of vapors below their respective threshold limit value (TLV).  
Maintain eye wash fountain and quick-drench facilities in work area.

**Personal Protective Equipment****Eye/Face Protection**

Approved eye protection is recommended to safeguard against potential eye contact, irritation or injury. Depending on conditions, a face shield may be necessary.

**Skin and Body Protection**

Normal work clothing (long sleeved shirts and long pants) is recommended. If splashes are likely to occur, use apron or impervious suit, such as a Tyvek® coverall. If liquid contact is likely to occur, manufacturer recommends nitrile gloves (example: N-DEX Nitrile).

**Respiratory Protection**

Airborne concentrations should be kept to lowest levels. If vapor (oil mist) is generated, use respirator approved by OSHA or NIOSH as appropriate. Positive pressure air-supplying regulator should be used for cleaning large spills or upon entry into tanks, vessels or other confined spaces.

**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**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Transparent	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Amber / Brown	<b>Remarks • Method</b>	
<b><u>Property</u></b>	<b><u>Values</u></b>		
<b>pH</b>	N/A		
<b>Melting Point/Freezing Point</b>	Not determined		
<b>Boiling Point/Boiling Range</b>	> 200 °C (>392 °F)		
<b>Flash Point</b>	> 232 °C (450 °F)		
<b>Evaporation Rate</b>	< 1		Pensky-Martens Closed Cup (PMCC)
<b>Flammability (Solid, Gas)</b>	Not flammable		
<b>Upper Flammability Limits</b>	Not determined		
<b>Lower Flammability Limit</b>	Not determined		
<b>Vapor Pressure</b>	Not determined		
<b>Vapor Density</b>	> 1.0		(Air=1)
<b>Specific Gravity</b>	0.95 - 0.97		
<b>Water Solubility</b>	insoluble		
<b>Solubility in other solvents</b>	Not determined		
<b>Viscosity</b>	135 - 145 SSF		@ 38°C (100°F)

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions** Hazardous polymerization does not occur.

**Conditions to Avoid** Heat, flames and sparks. Avoid temperatures exceeding the flash point.

**Incompatible Materials** Strong oxidizing agents, reducing agents. Strong amines.

**Hazardous Decomposition Products** Thermal decomposition (heating higher than 200 °C (392 °F) can lead to release of irritating gases and vapors - carbon oxides, hydrogen chloride, phosgene, chlorine.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Eye Contact</b>	May be irritating to eyes.
<b>Skin Contact</b>	May cause slight skin irritation
<b>Inhalation</b>	Inhalation of vapors or mists in high concentration may cause slight irritation of respiratory system.
<b>Ingestion</b>	Swallowing a large amount may cause gastric irritation, incontinence, injury to kidneys (necrosis) based on animal studies.

### *Component Information*

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated naphthenic	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2.18 mg/L ( Rat ) 4 h
Chlorinated Paraffin blend	> 5000 mg/kg ( Rat )	-	-

### Information on toxicological effects

<b>Skin Sensitization</b>	Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer.
<b>Aspiration Hazard</b>	Not classified. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA Nota L – Meets EU requirements of less than 3% (w/w) DMSO extract for total Polycyclic aromatic compound (PAC) using IP346. Not classified
<b>STOT- repeated/single exposure</b>	Not classified
<b>Gem Cell Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Reproductive Toxicity</b>	No data available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Harmful to aquatic life with long lasting effect

**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

**Persistence/Degradability** Product is not expected to be readily biodegradable.

<b>Bioaccumulation</b>	Does not break down naturally and has potential to bioaccumulate in aquatic organisms.
<b>Mobility</b>	Not expected
<b>Other Adverse Effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this solution

### 13. DISPOSAL CONSIDERATIONS

<b>Disposal of Wastes</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose of in accordance with federal, state, and local regulations.
<b>Contaminated Packaging</b>	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

<b>DOT</b>	Not regulated
<b>IATA</b>	
<b>UN/ID No</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.(Alkanes, C14-17, chloro)
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Marine Pollutant</b>	YES Per IMDG Section 2.9.3.3: This substance is classified as a Marine Pollutant. It satisfies criteria for Acute 1: EC50 crustacea, < 1 mg/l, 48-hr. See EC50 data in Section 12.
<b>Special Precautions</b>	None
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	N/A
<b>Additional Information</b>	
<b>Packaging exceptions</b>	155
<b>ERG</b>	171
<b>Labels Required</b>	9 and EHS-Marine Pollutant
<b>IMDG</b>	
<b>UN/ID No</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.(Alkanes, C14-17, chloro)
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Labels Required</b>	9, EHS
<b>Additional Information</b>	
<b>Packaging Instruction</b>	914

### 15. REGULATORY INFORMATION

<b>International Inventories</b>	The component(s) this product comply with the inventory requirements by the countries
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Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	INSQ	KECL	AICS
PET distillates, hydrotreated light, naph	X	X		X			X	X	X
Chlorinated paraffin (C14-17)	X	X		X			X	X	

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - 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 Regulations

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

**CERCLA** This material does not contain a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**SARA 311/312 Hazard Categories** **Acute Health Hazard**

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

**California Proposition 65** This product does not contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

#### **U.S. State Right-to-Know Regulations**

Chemical Name	Maine	Massachusetts	Pennsylvania
Chlorinated paraffin	x		

### **16. OTHER INFORMATION**

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	None
HMIS	Health Hazards	Flammability	Physical Hazards	
	1	0	0	

**Issue Date:** 18-Apr-2018  
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**Revision Note:** Updated SDS for formula change. -DL

#### **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**