

Issue Date: 27-May-2016

Revision Date:

Version 1

1. IDENTIFICATION

Product Identifier**Product Name** GRINDING OIL CFO**Other means of identification****SDS #**

ITEM# E-2504-55

Recommended use of the chemical and restrictions on use**Recommended Use** Metalworking lubricant**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

Appearance Amber / Light brown**Physical State** Liquid**Odor** Mild**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Signal Word

No signal word

Hazard Statements

No statement

Symbol

N/A

Precautionary Statements

N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	< 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	Flush immediately with plenty of water for 15 minutes. If irritation persists, see physician.
Skin Contact	Wash contact areas with soap and water. Remove contaminated clothing and lauder before reuse. If skin irritation persists, call a physician.
Inhalation	Remove from further exposure. Use adequate respiratory protection. Seek medical assistance
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

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
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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 Extinguishing Media Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Unsuitable Extinguishing Media DO NOT use stream of water (could cause fire to spread).

Combustion Products/Specific Hazards

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

Protective equipment and 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 waterways, rivers, lakes, sewers, basements or confined areas.
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.
 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 > 40° F.

Incompatible Materials

Oxidizing agents. Strong alkalis. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH	OSHA	NIOSH
Distillates, Hydrotreated Napthanic 64742-52-5	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³	10 mg/m ³ 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

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

Appropriate Engineering Controls

Adequate ventilation.
 Maintain eye wash fountain and quick-drench facilities in work area.

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection

Chemical or oil resistant clothing is recommended.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas.
 In case of inadequate ventilation wear respiratory protection.

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 and launder before reuse.
 See SECTION 4 for First-Aid Measure

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties**Physical State**

Liquid

Appearance

Transparent

Color

Amber / Light brown

Odor

Mild

Odor Threshold

Not determined

Property**Values****Remarks • Method****pH**

N/A

Boiling Point/Boiling Range

> 176.66 °C / > 350 °F

Flash Point

> 149 °C / 300 °F

Evaporation Rate

< 1.0

(butyl acetate = 1)

Flammability (Solid, Gas)

Not determined

Upper Flammability Limits

Not determined

Lower Flammability Limit

Not determined

Vapor Density

Not determined

(Air=1)

Specific Gravity

0.90

(1=Water)

Water Solubility	insoluble
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	100 SUS @ 100 °F
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined
VOC Content (%)	Not determined

10. STABILITY AND REACTIVITY

Reactivity	Reacts violently with strong alkaline substances. May react with reducing agents.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under recommended storage conditions or normal processing.
Conditions to Avoid	Heat, flame, incompatible materials.
Incompatible Materials	Oxidizing agents. Strong acids
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions. See SECTION 5 in the event of fire

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May cause temporary or minor irritation on eye contact.
Skin Contact	Prolonged contact may cause defatting of skin, redness and minor irritation.
Inhalation	Prolonged inhalation may be harmful.
Ingestion	May cause gastrointestinal irritation or diarrhea.

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

Acute Effects	No data available
Chronic Effects	Prolonged exposure may cause chronic effects

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h

Information on physical, chemical and toxicological effects

Carcinogenicity	This product is not expected to be carcinogen by IARC, ACGIH, TP, or OSHA
Numerical measures of toxicity	Not determined
Further Information	Risk of chemical pneumonia after aspiration.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not expect to be harmful to aquatic organisms.
Persistence/Degradability	Not inherently biodegradable.
Bioaccumulation	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
Mobility	Liquid under most environmental conditions. Float in water If enters soil it will absorb to soil particles and will not be mobile
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	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories The component(s) this product comply with the inventory requirements by the countries:

Chemical Name	TSCA	DSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
PET distillate hydrotreated naphthenic	Y	Y	-	Y	Y	Y	Y	Y	Y

Legend:

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

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

CERCLA

This material does not contains 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 Hazardous Chemical Mineral Oil, Hydrotreated (mild) Heavy Naphthanic 64742-52-5
Acute Health Hazard

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

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
PET distillate hydrotreated naphthenic	X	X	X

X; Not regulated

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	1	1	0	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	1	0	Not determined

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Revision Note: New format

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