

Issue Date: 07-Aug.-2017

Revision Date:

Version 1

1. IDENTIFICATION

Product Identifier**Product Name** ASHBURN DS 2470**Other means of identification****SDS #**

ITEM# E-2470-05

Recommended use of the chemical and restrictions on use**Recommended Use** Cleaning and degreasing ferrous parts**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 yellow to light amber**Physical State** Liquid**Odor** Mild**Classification**

This product is classified according to the HazCom 2012 (29CFR1910.1200) and the Canada Hazardous Products Regulation CPR

Acute Toxicity – Inhalation (Dust & Mist)

Category 4

Signal Word

Warning

Hazard Statements

Harmful if inhaled

Symbol**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapours/spray

Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

IF INHALAED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Mineral Oil, Hydrotreated Light Naphthanic	64742-53-6	70-80

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 launder before reuse. If skin irritation persists, call a physician.
Inhalation	Remove source of exposure or move person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

Most important symptoms and effects

Symptoms	May cause skin and eye irritation. Eye contact may cause eye irritation, redness, tearing, blurred vision Prolonged skin contact may cause redness and irritation Maybe harmful if inhaled. Swallowing may cause abdominal irritation, nausea, vomiting and diarrhea. See SECTION 11 for delayed and chronic effects.
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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, alcohol resistant foam or carbon dioxide (CO2) DO NOT use straight streams of water (could cause fire to spread)
Specific Hazards Arising from the Chemical	Not determined.
Hazardous Combustion Products	Oxides of carbon, sulfur, and nitrogen compounds.
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.
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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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH	OSHA	NIOSH
Distillates, Hydrotreated Napthanic 64742-53-6	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* *TLV: Threshold Limit Value*
OSHA: Occupational Safety and Health Administration *PEL: Permissible Exposure Limit*
NIOSH: National Institute for Occupational Safety and Health *STEL: Short Term Exposure Limit*
TWA: Time weight average

Appropriate engineering controls

Engineering Controls 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 Wear gloves and suitable protective clothing depending on condition of use

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Mild
Appearance	Transparent	Odor Threshold	Not determined
Color	Yellow to light amber		
Property	Values	Remarks • Method	
pH	N/A		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	> 200 °C / 392 °F		
Flash Point	Not determined		
Evaporation Rate	< 1.0	(butyl acetate = 1)	
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	> 1.0	@ 68°F (20 ° C)	
Vapor Density	> 1.0	(Air=1)	
Specific Gravity	0.95-0.97	(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	260 - 280 SUS		
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 normal processing.
Conditions to Avoid	Incompatible Materials.
Incompatible Materials	Strong bases, strong alkali agents
Hazardous Decomposition Product	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 eye irritation.
Skin Contact	Prolonged contact may cause redness and irritation.
Inhalation	Harmful if inhaled
Ingestion	May be harmful if swallowed. May cause gastrointestinal irritation or diarrhea.

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

Acute Effects	In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Harmful if inhaled.
Chronic Effects	Not determined

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Mineral Oil, Hydrotreated Light Naphthanic	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h

Information on physical, chemical and toxicological effects

Carcinogenicity	The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346.
STOT- repeated/single exposure	Not classified
Gem Cell Mutagenicity	No data available.
Reproductive Toxicity	No data available.
Other information	Risk of chemical pneumonia after aspiration into lung
Numerical measures of toxicity	Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Mineral Oil, Hydrotreated Light Naphthanic 64742-53-6		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

Persistence/Degradability	Biodegradation: Expected to be slowly biodegradable. Natural carbon dioxide will slowly neutralize this material.
Bioaccumulation	Not determined.
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	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note	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

All components are listed on the EPA/TSCA Inventory of Chemical Substances.

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Mineral Oil, Hydrotreated Light Naphthanic	X	X		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**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 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 Hazardous Chemical 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
Triethanolamine 102-71-6	X	X	X

16. OTHER INFORMATION**NFPA****Health Hazards**

1

Flammability

1

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

1

Flammability

1

Physical Hazards

0

Personal Protection

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