

Issue Date: 11-May-2016

Revision Date: 22-July-2021

Version

1. IDENTIFICATION

Product Identifier

 Product Name **ASHBURN DS 2400**

Other means of identification

SDS

Item # E-2400-05, E-2400-55, E-2400-275

Recommended use of the chemical and restrictions on use

Recommended Use Metalworking fluid

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 Clear
 Yellow to light amber

Physical State Liquid

Odor Mild

Classification

Aspiration Hazard	Category 1
Skin irritation	Category 2
Eye Irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquid	Category 4

Hazards Not Otherwise Classified (HNOC)

Signal Word

DANGER

Hazard Statements

 May be fatal if swallowed and enters airways
 Cause skin irritation
 May cause drowsiness or dizziness
 Combustible liquid


Precautionary Statements - Prevention

 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area

Wash skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from flames and hot surfaces. - No smoking

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse
IF IN EYES: Rinse cautiously with soap and water for several minutes. Remove contact lenses if easy to do so. Continue rinsing
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a poison center or doctor/physician if you feel unwell
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting
In case of fire: Use Water spray, fog or regular foam for extinction

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Naphtha (PET) hydrotreated heavy and/or Distillates (PET) hydrotreated light	64742-48-9 / 64742-47-8	< 30
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	10-50

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	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash contact areas with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention.
Inhalation	Move to fresh air. Get medical attention if breathing becomes difficult or symptoms persist
Ingestion	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

Most important symptoms and effects

Symptoms	May cause eye, skin and respiratory tract irritation. May cause irritation, dermatitis, nausea, vomiting Aspiration may occur during swallowing or vomiting and cause lung damage.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia.
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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 Stream of water could cause fire to spread.

Specific Hazards Arising from the Chemical

Carbon oxides and other oxides may be generated as products of combustion.
Dense smoke may be generated while burning.

Hazardous Combustion Products When heated to decomposition it emits acrid smoke and irritating fumes, carbon monoxide.

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 breathing vapor or mist. Avoid contact with skin, eye or clothing
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 Containment ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
Absorb or cover with dry earth, sand or other non-combustible material.

Methods for Clean-Up 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 2 for Precaution Statements.
See SECTION 8 for Personal Protection.

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. Store locked up.

Incompatible Materials May react with strong oxidizing agents, such as chlorates, nitrates, peroxides.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH	OSHA	NIOSH STEL	
Hydro treated light naphthenic distillates (mist) 64742-53-6	TWA: 5 mg/m ³ STEL: 10 mg/m ³	PEL: 5 mg/m ³ 8 hours (mist).	STEL: 10 mg/m ³ 15 minutes.	

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*

Appropriate engineering controls

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.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side shields.

Skin and Body Protection If prolonged or repeated contact is likely, chemical, and 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.
 See SECTION 4 for First-Aid Measure

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Mild
Appearance	Clear	Odor Threshold	Not determined
Color	Amber / brown		
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	350 °F	(at 760 mm Hg)	
Flash Point	164 °F	ASTM D3278, Closed Cup	
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined	(Air=1)	
Specific Gravity	0.79		
Water Solubility	Insoluble in water		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Viscosity	60-80 SUS	100 °F	

10. STABILITY AND REACTIVITY

Reactivity Not reactive under normal conditions.

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions None under normal processing.

Conditions to Avoid Incompatible Materials. Heat, shock, friction, static charges, and electrical current sources.

Incompatible Materials Oxidizing agents. Strong acids.

Hazardous Decomposition Products

Thermal decomposition and combustion are not expected to occur except under extreme conditions.

11. TOXICOLOGICAL INFORMATION

Eye Contact	May cause temporary irritation on eye contact.
Skin Contact	Harmful in contact with skin.
Inhalation	Harmful if inhaled.
Ingestion	May be harmful if swallowed.
Chronic Effects	Not available
Aspiration hazard	May be fatal if swallowed and enters airways
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- single exposure/ repeated exposure	May cause drowsiness Not determined
Numerical measures of toxicity	Not determined

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Naphtha (PET), hydrotreated heavy and/or Distillates (PET) hydrotreated light 64742-48-9 / 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2,000 mg/kg (Rat)
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 5 mg/L (Rat) 4 h

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

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

Sensitization	May cause an allergic skin reaction.
Carcinogenicity	Carcinogenic potential is unknown.
Aspiration hazard	May be fatal if swallowed and enters airways.

Numerical measures of toxicity Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life with long lasting effects

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Naphtha (PET), hydrotreated heavy and/or Distillates (PET) hydrotreated light 64742-48-9 / 64742-47-8	72 hr Pseudokirchneriella subcapitata 1 mg/l EL50 static	96 h Oncorhynchus mykiss 10 mg/L LL50 static		48 h Daphnia magna 1.4 mg/L EL50
Distillates (PET), hydrotreated naphthenic 64742-53-6		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

Persistence/Degradability Not determined

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

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Distillates (PET), hydrotreated light naphthenic	Y	Y		Y		Y	Y	Y	Y	Y
Naphtha (PET) hydrotreated heavy and/or Distillates (PET) hydrotreated light	Y	Y				Y		Y	Y	Y

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

OSHA Hazard Combustible liquid, Toxic by inhalation, Harmful by ingestion, harmful by skin absorption.
Aspiration hazard

CERCLA This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Naphtha (PET) hydrotreated heavy and/or Distillates (PET) hydrotreated light
CAS# 64742-48-9 / 64742-47-8
Fire Hazard, Acute Health Hazard

SARA 313 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

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Aliphatic Hydrocarbon Solvent 64742-88-7	X	X	X
Distillates (PET), Hydrotreated light 64742-47-8	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	2	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	2	0	Not determined

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Revision Note: Flash Point Update

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