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Version 1

1. IDENTIFICATION

Product Identifier**Product Name** ASHBURN WAY OIL 220**Other means of identification****SDS #**Item # F-8007-14
F-8008-05
F-8009-55**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 Clear
Amber / 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). 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

No signal word

Precautionary Statement**Prevention**

Read label before use.

Response

Observe good industrial hygiene practices. Wash hands after handling.

Storage

Store away from incompatible materials.

Disposal

Disposal of waste and residues in accordance with local authority requirements

Hazard(s) not otherwise classified None known significant effects or critical hazards.**Supplemental Information**

Not applicable.

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-%
Mineral Oil, Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic	64742-65-0	80-100
Alkenyl Ester Sulfide	Proprietary	1-10

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 copious amounts 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 victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention for further treatment.
Ingestion	Rinse mouth. Do NOT induce vomiting. If symptom persists call a physician.

Most important symptoms and effects

Symptoms	May cause skin and eye irritation.
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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 straight streams.

Specific Hazards Arising from the Chemical Not determined.

Hazardous Combustion Products Oxides of carbon and nitrogen compounds.

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, protective equipment and emergency procedures

Personal Precautions	See Section 8 for Personal Protective Equipment.
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Environmental Precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent entry into waterways, rivers, lakes, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. 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

Precautions for safe handling

Advice on Safe Handling Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. 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.

Conditions for safe storage, including any incompatibilities

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 Strong acids, alkalis, certain oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines Mineral Oil, Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic CAS# 64742-65-0 OSHA Table Z1

Appropriate engineering controls

Engineering Controls If vapor or mist is generated when material is heated or handled, provide adequate ventilation to keep the airborne concentrations of vapors below their respective threshold limit value.

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 suitable protective clothing and chemical resistant gloves.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. 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

Physical State	Liquid	Odor	Mild petroleum
Appearance	Translucent	Odor Threshold	Not determined
Color	Amber / brown		
Property	Values	Remarks • Method	
pH	N/A		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	218.3°C / 425°F	(PMCC)	
Upper Explosion Limits	7 (% volume)		
Lower Explosion Limits	0.9 (%volume)		
Flammability (Solid, Gas)	Not determined		
Evaporation Rate	0.15		
Vapor Density	> 2.0 @ 101 kPa	(Air=1)	
Vapor Pressure	< 0.013 mmHg		
Specific Gravity	0.905	(1=Water)	
Water Solubility	Insoluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	600 °F		
Decomposition Temperature	Not determined		
Dynamic Viscosity	Not determined		
VOC Content (%)	Not determined		
Explosive Properties	Not determined		
Oxidizing properties	Not determined		

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	Avoid direct sunlight, heat, open flame and contact with incompatible materials.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May temporary causes eye irritation.
Skin Contact	Prolonged or repeated contact may result in contact dermatitis. This product may cause slight skin irritation upon direct contact.
Inhalation	Not expected to be an inhalation hazard under normal conditions of intended use.
Ingestion	May cause discomfort if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Mineral Oil, Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic	5000 mg/kg (Rat)	50000 mg/kg (Rabbit	-

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
Acute Toxicity	Inhalation: Acute and chronic exposure to vapors may be irritating to the respiratory tract. Severe intoxication may lead to drowsiness, dullness, numbness, and headache followed by dizziness, weakness, and nausea. Exposure to even higher concentrations may lead to loss of consciousness and convulsions followed by death at extremely high concentrations where oxygen displacement is a factor, asphyxiation may occur. Ingestion : Severe oral intoxication will lead to intense burning of the throat and may result in drowsiness, weakness, and nausea. Loss of consciousness and convulsions followed by death may result.
Respiratory/skin sensitization	No Data available.
Carcinogenicity	The highly refined mineral oil contains <3% DMSO extract as measured by IP 346, hence the classification of a carcinogen need not apply.
Germ Cell Mutagenicity	No Data available
Reproductive Toxicity	No Data available

12. ECOLOGICAL INFORMATION

<u>Ecotoxicity</u>	This material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water.
<u>Persistence/Degradability</u>	This product is inherently biodegradable
<u>Bioaccumulation</u>	Contains constituents with potential to bio-accumulate.
<u>Mobility</u> to	Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to Soli particles and will not be mobile.
<u>Other Adverse Effects</u>	Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

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

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

15. REGULATORY INFORMATION

International Inventories Not determined

TSCA Inventory Status This product, or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory

US Federal Regulations

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 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

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

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 1	Flammability 1	Instability 0	Special Hazards Not determined
<u>HMIS</u>	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 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