

Issue Date: 30-Sept-2015

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Version

## 1. IDENTIFICATION

### Product Identifier

 Product Name **ASHBURN RPL #5**

### Other means of identification

SDS #

Item # L-2515

### Recommended use of the chemical and restrictions on use

Recommended Use Rust preventative and 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 / Light brown

Physical State Liquid

Odor Petroleum

### Classification

Aspiration Hazard	Category 1
Skin irritation	Category 2
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 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-%
Petroleum Distillates, Hydrotreated light	64742-47-8	<30
Aliphatic Hydrocarbon Solvent	64742-88-7	<30
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	10-40
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	10-20

\*\*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**

<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. Remove contaminated clothing and launder before reuse. Get medical attention.
<b>Inhalation</b>	Move to fresh air. Get medical attention if breathing becomes difficult or symptoms persist
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

**Most important symptoms and effects**

<b>Symptoms</b>	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. See SECTION 11 for delayed and chronic effects
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	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 (CO<sub>2</sub>) 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 naphthenic distillates (mist) 64742-52-5	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	PEL: 5 mg/m <sup>3</sup> 8 hours (mist).	STEL: 10 mg/m <sup>3</sup> 15 minutes.	

**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**

**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**

<b>Physical State</b>	Liquid	<b>Odor</b>	Petroleum
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Amber / brown		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	Not determined		
<b>Melting Point/Freezing Point</b>	Not determined		
<b>Boiling Point/Boiling Range</b>	350 °F	(at 760 mm Hg)	
<b>Flash Point</b>	Not determined	TCC	
<b>Evaporation Rate</b>	Not determined		
<b>Flammability (Solid, Gas)</b>	Not determined		
<b>Upper Flammability Limits</b>	Not determined		
<b>Lower Flammability Limit</b>	Not determined		
<b>Vapor Pressure</b>	Not determined		
<b>Vapor Density</b>	Not determined	(Air=1)	
<b>Specific Gravity</b>	0.80-0.85		
<b>Water Solubility</b>	Insoluble in water		
<b>Solubility in other solvents</b>	Not determined		
<b>Partition Coefficient</b>	Not determined		
<b>Auto-ignition Temperature</b>	Not determined		
<b>Decomposition Temperature</b>	Not determined		
<b>Viscosity</b>	35-45 SUS		

## **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

<b>Eye Contact</b>	May cause temporary irritation on eye contact.
<b>Skin Contact</b>	Harmful in contact with skin.
<b>Inhalation</b>	Harmful if inhaled.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Acute / Chronic Effects</b>	Acute and chronic exposure to vapors may be irritating to the respiratory tract. 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. If ingested, severe oral intoxication will lead to intense burning of the throat and may result in drowsiness, weakness, and nausea.
<b>Chronic Effects</b>	Not available
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways
<b>Carcinogenicity</b>	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.
<b>STOT- single exposure</b>	May cause drowsiness
<b>repeated exposure</b>	Not determined
<b>Numerical measures of toxicity</b>	Not determined

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum Distillates, Hydrotreated light 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
Aliphatic Hydrocarbon Solvent 64742-88-7	> 5000 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	> 5.28 mg/L ( Rat ) 4 h
Petroleum distillates, hydrotreated naphthenic	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2.18 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**

<b>Sensitization</b>	May cause an allergic skin reaction.
<b>Carcinogenicity</b>	Carcinogenic potential is unknown.
<b>Aspiration hazard</b>	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
Petroleum Distillates, Hydrotreated light 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Aliphatic Hydrocarbon Solvent 64742-88-7	450: 96 h Pseudokirchneriella subcapitata mg/L EC50	800: 96 h Pimephales promelas mg/L LC50 static		100: 48 h Daphnia magna mg/L EC50
Distillates (PET), hydrotreated Inaph 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 naphthenic	Y	Y		Y		Y	Y	Y	Y	Y
Distillates (pet), hydrotreated light & solvent naphtha (pet), med aliph.	Y	Y				N		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**

<b>OSHA Hazard</b>	Combustible liquid, Toxic by inhalation, Harmful by ingestion, harmful by skin absorption. Aspiration hazard
<b>SARA 311/312</b>	Fire Hazard, Acute Hazard
<b>SARA 313</b>	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
Aliphatic Hydrocarbon Solvent 64742-88-7	X	X	X
Distillates (PET), Hydrotreated light 64742-47-8	X	X	X

**16. OTHER INFORMATION**

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

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Revision Date:  
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**