



# Material Safety Data Sheet

**Product Name:**  
No 2 Diesel S-15 NR Dyed  
Red

**Revision Date:**  
16-Aug-2010

**Revision Number:**  
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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** 8175  
**Product Name:** No 2 Diesel S-15 NR Dyed Red  
**Chemical characterization:** Liquid  
**Supplier:** American Refining Group, Inc.  
77 North Kendall Avenue  
Bradford, PA 16701  
www.amref.com  
**Emergency Telephone Number:** CHEMTREC: 1-800-424-9300  
ARG Watchblock: 814-368-1297

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %	TSCA	DSL
Petroleum distillates, hydrodesulfurized middle	64742-80-9	100	Present	Present

## 3. HAZARDS IDENTIFICATION

### Emergency Overview

- Combustible material
- This product may be irritating to skin, eyes, nose, throat, and lungs. Use all necessary personal protection when handling this material.

### Eye contact

- Contact with eyes may cause irritation

### Skin contact

- Can cause skin irritation.

### Inhalation

- Avoid breathing vapors or mists
- Inhalation may cause mild irritation of respiratory tract.

### Ingestion

- May be toxic if swallowed
- Ingestion may cause nausea, vomiting, and diarrhea.

### General advice

- As with any chemical, use caution when handling

#### 4. FIRST AID MEASURES

<b>General Advice</b>	<ul style="list-style-type: none"> <li>• Immediate medical attention is not required</li> <li>• If exposure symptoms persist, seek medical attention.</li> <li>• Show this safety data sheet to the doctor in attendance</li> </ul>
<b>Skin Contact</b>	<ul style="list-style-type: none"> <li>• Wash off immediately with soap and plenty of water</li> </ul>
<b>Eye Contact</b>	<ul style="list-style-type: none"> <li>• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes</li> <li>• If eye irritation persists, seek medical attention</li> </ul>
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>• Move to fresh air.</li> <li>• If exposure symptoms persist, seek medical attention.</li> </ul>
<b>Ingestion</b>	<ul style="list-style-type: none"> <li>• Do not swallow. Rinse mouth with water and afterwards drink plenty of water.</li> <li>• Never give anything by mouth to an unconscious person</li> <li>• Consult a physician if necessary</li> </ul>
<b>Notes to Physician</b>	<ul style="list-style-type: none"> <li>• Treat symptomatically</li> </ul>
<b>Protection of First-aiders</b>	<ul style="list-style-type: none"> <li>• Use necessary personal protective equipment</li> </ul>
<b>Aggravated Medical Conditions</b>	<ul style="list-style-type: none"> <li>• Users with skin conditions (eczema, psoriasis, etc.) respiratory conditions (asthma, bronchitis, emphysema, etc.) or with chemical sensitivities should take protective precautions.</li> </ul>

#### 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b>	<ul style="list-style-type: none"> <li>• &gt;38°C / 100°F</li> </ul>
<b>Suitable Extinguishing Media</b>	<ul style="list-style-type: none"> <li>• carbon dioxide (CO<sub>2</sub>)</li> <li>• water fog</li> <li>• alcohol-resistant foam</li> <li>• dry chemical</li> </ul>
<b>Extinguishing media which must not be used for safety reasons</b>	<ul style="list-style-type: none"> <li>• Water, except as fog</li> </ul>
<b>Special exposure hazards in a fire</b>	<ul style="list-style-type: none"> <li>• Keep product and empty container away from heat and sources of ignition</li> </ul>
<b>Special Protective Equipment</b>	<ul style="list-style-type: none"> <li>• As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear</li> </ul>
<b>Specific Methods Firefighting</b>	<ul style="list-style-type: none"> <li>• In the event of fire, cool tanks with water spray</li> <li>• Use spark-proof tools and explosion-proof equipment</li> </ul>
<b>NFPA</b>	<ul style="list-style-type: none"> <li>• Health=1, Fire=2, Reactivity=0, Special=0</li> </ul>

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	<ul style="list-style-type: none"> <li>• Evacuate personnel to safe areas</li> <li>• Keep people away from and upwind of spill/leak</li> <li>• Wear personal protective equipment</li> <li>• Remove all sources of ignition</li> <li>• Ensure adequate ventilation</li> <li>• Floors may be slippery</li> </ul>
<b>Environmental Precautions</b>	<ul style="list-style-type: none"> <li>• Prevent further leakage or spillage if safe to do so</li> <li>• Prevent product from entering drains</li> </ul>

## 6. ACCIDENTAL RELEASE MEASURES

<b>Methods for Cleaning Up</b>	<ul style="list-style-type: none"> <li>• Dam up</li> <li>• Soak up with inert absorbent material</li> <li>• Pick up and transfer to properly labelled container for disposal.</li> <li>• Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container</li> </ul>
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## 7. HANDLING AND STORAGE

### Handling

<b>Technical Measures Handling</b>	<ul style="list-style-type: none"> <li>• Use only in areas provided with adequate ventilation.</li> <li>• Keep away from open flames, hot surfaces and sources of ignition</li> </ul>
<b>Safe Handling Advice</b>	

### Storage

<b>Technical Measures Storage</b>	<ul style="list-style-type: none"> <li>• Keep containers tightly closed; discard any material that may be contaminated or, which may have changed composition.</li> <li>• Keep away from heat</li> <li>• Protect from light</li> <li>• Keep in properly labelled containers.</li> </ul>
<b>Incompatible Products</b>	

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering Measures</b>	<ul style="list-style-type: none"> <li>• Ensure adequate ventilation, especially in confined areas</li> <li>• As a rule, at least 10 air changes per hour are recommended at the workplace</li> </ul>
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### Personal Protective Equipment

<b>Hand Protection</b>	<ul style="list-style-type: none"> <li>• Impervious gloves</li> <li>• Wear tightly fitting safety goggles or safety glasses with side-shields</li> <li>• When workers are facing concentrations above the exposure limit they must use appropriate certified respirators</li> <li>• Long sleeved clothing</li> </ul>
<b>Eye Protection</b>	
<b>Respiratory Protection</b>	
<b>Skin And Body Protection</b>	
<b>General Hygiene Considerations</b>	<ul style="list-style-type: none"> <li>• Handle in accordance with good industrial hygiene and safety practice</li> <li>• Keep away from food, drink and animal feeding stuffs</li> <li>• When using, do not eat, drink or smoke</li> </ul>
<b>Environmental exposure controls</b>	• No information available
<b>Exposure limits</b>	OSHA PEL 50mg/m <sup>3</sup> , 10ppm (8 hours)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Physical State</b>	Liquid
<b>Color</b>	Red

Odor Hydrocarbon solvent

### Important Health Safety and Environmental Information

Boiling Point/Range >205°C / >400°F  
 Pour Point -18°C / 0°F  
 Vapor Density 7.4  
 Vapor Pressure <1 mm Hg @ 20°C  
 Density 7.3 lbs/gallon  
 Water Solubility Insoluble  
 Specific Gravity 0.88

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	• Stable under normal conditions
<b>Conditions to Avoid</b>	• Heat, flames and sparks
<b>Materials to avoid</b>	• Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	• None under normal use
<b>Hazardous Polymerization</b>	• When burned :carbon dioxide, carbon monoxide, hydrocarbons
	• Polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>LD50 Dermal Rat</b>	>2000 mg/kg
<b>LD50 Oral Rat</b>	>5000 mg/kg
<b>LC50 Inhalation</b>	>5000 mg/L
<b>Skin irritation</b>	May cause skin irritation.
<b>Eye irritation</b>	May cause eye irritation.
<b>Inhalation Toxicity</b>	Move to fresh air in case of accidental inhalation
<b>Ingestion Toxicity</b>	Harmful if swallowed Maybe toxic if swallowed Nausea, Vomiting, Diarrhea (detersive effects)
<b>Sensitization</b>	May cause sensitization of susceptible persons

### Chronic Toxicity

<b>Carcinogenic effects</b>	OSHA: No IARC: 3 NTP: No ACGIH: A3.
<b>Mutagenic Effects</b>	Does not exhibit mutagenic effects, based on testing of similar materials.
<b>Reproductive Effects</b>	Does not exhibit reproductive toxicity, based on testing of similar materials.
<b>Target Organ Effects</b>	No information available

## 12. ECOLOGICAL INFORMATION

### Product Information

<b>Aquatic toxicity</b>	• No information available
<b>Other information</b>	
<b>Ozone Depletion Potential</b>	• No information available
<b>Global warming potential (GWP)</b>	• No information available
<b>Additional Ecological Information</b>	• This product is not readily biodegradable in water but are inherently biodegradable based on test results of similar products.
<b>Mobility</b>	• No information available
<b>Bioaccumulative Potential</b>	• Low Log Kow values for the hydrocarbon components, indicate a potential for bioaccumulation.
<b>Ecotoxicity effects</b>	• No information available

## 13. DISPOSAL CONSIDERATIONS

<b>Waste From Residues/Unused Products</b>	• Dispose of in accordance with local regulations
<b>Contaminated Packaging</b>	• Dispose of in accordance with local regulations

## 14. TRANSPORT INFORMATION

### DOT

**Description** NA 1993, DIESEL FUEL, 3 (COMBUSTIBLE), PG III, ERG 128

## 15. REGULATORY INFORMATION

### U.S. Inventories

Component	TSCA	CAS-No	Weight %
Petroleum distillates, hydrodesulfurized middle	Present	64742-80-9	100

### International Inventories

Component	DSL	EINECS	ENCS	KECL	CHINA	AICS	PICCS
Petroleum distillates, hydrodesulfurized middle	Present	265-183-3		X KE-12538		X	X

## 16. OTHER INFORMATION

<b>Literary Reference</b>	None
<b>Prepared By</b>	Monica C. Mathers, Product Compliance Coordinator