

# Material Safety Data Sheet

**Product Name:**  
BRAD PENN ISO VG 100  
SYNTHETIC AIR  
COMPRESSOR OIL

**Revision Date:**  
06-Sep-2011

**Revision Number:**  
0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** 7772

**Product Name:** BRAD PENN ISO VG 100 SYNTHETIC AIR COMPRESSOR OIL

**Supplier:** American Refining Group, Inc  
77 North Kendall Avenue  
Bradford, PA 16701  
www.amref.com

**Emergency Telephone Number:** ARG Emergency: 814-368-1297 (24 HRS)  
CHEMTREC: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Emergency Overview:

‡ 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** ‡ This product may cause skin irritation.  
**Inhalation** ‡ Inhalation may cause mild irritation of respiratory tract.  
**Ingestion** ‡ Ingestion may cause nausea, vomiting, and diarrhea.  
**General advice** ‡ Consult a physician.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	TSCA	DSL
1-Decene, homopolymer, hydrogenated	68037-01-4	TSCA P; XU	DSL
Dodecene, Homopolymer hydrogenated	151006-63-2	TSCA P; XU	DSL
1-Dodecene trimer, hydrogenated	151006-62-1	TSCA	DSL

Wash hands before breaks and immediately after handling the product

#### 4. FIRST AID MEASURES

<b>General Advice</b>	‡ If symptoms persist, call a physician
<b>Skin Contact</b>	‡ Remove and wash contaminated clothing before re-use ‡ Wash off with warm water and soap
<b>Eye Contact</b>	‡ In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
<b>Inhalation</b>	‡ If breathing is difficult, give oxygen ‡ Consult a physician if necessary
<b>Ingestion</b>	‡ Move to fresh air. ‡ Drink 1 or 2 glasses of water ‡ Do not induce vomiting without medical advice ‡ Consult a physician if necessary
<b>Notes to Physician</b>	‡ Treat symptomatically
<b>Protection of First-aiders</b>	‡ Use necessary personal protective equipment

#### 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b>	‡ >450°F
<b>Suitable Extinguishing Media</b>	‡ carbon dioxide (CO2) ‡ water fog ‡ dry chemical
<b>Special Protective Equipment</b>	‡ Wear self-contained breathing apparatus for firefighting if necessary. ‡ Standard procedure for chemical fires
<b>NFPA</b>	‡ Health=1, Fire=1, Reactivity=0, Special=0
<b>HMIS</b>	‡ Health=1, Flammability=1, Physical Hazard=0

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	‡ Keep people away from and upwind of spill/leak. ‡ Floors may be slippery. ‡ Use necessary personal protective equipment.
<b>Environmental Precautions</b>	‡ Should not be released into the environment.
<b>Methods for Cleaning Up</b>	‡ Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

#### 7. HANDLING AND STORAGE

<b>Safe Handling Advice</b>	‡ Always replace cap after use. ‡ Handle in accordance with good industrial hygiene and safety practice.
<b>Technical Measures Storage</b>	‡ Keep containers tightly closed; discard any material that may be contaminated or, which may have changed composition. ‡ Keep away from heat. ‡ Protect from light. ‡ Keep in properly labeled containers.

### 7. HANDLING AND STORAGE

**Incompatible Products** ‡ No materials to be especially mentioned

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Measures** ‡ Ensure adequate ventilation, especially in confined areas

**Personal Protective Equipment**

**Hand Protection** ‡ Impervious gloves

**Eye Protection** ‡ Tightly fitting safety goggles

‡ Safety glasses with side-shields

**Respiratory Protection** ‡ In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit

**Skin and Body Protection** ‡ Wear protective gloves/clothing

**Environmental exposure controls** ‡ Prevent product from entering drains

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**General Information**

**Physical State** Liquid

**Color** Colorless

**Odor** Mild

**Important Health Safety and Environmental Information**

**Boiling Point/Range** > 600 (°F) (316°C)

**Vapor Pressure** < 0.1 mm Hg @ 20°C

**Water Solubility** Insoluble

**Specific Gravity** < 1.0

### 10. STABILITY AND REACTIVITY

**Stability** ‡ Stable under normal conditions

**Materials to avoid** ‡ Strong oxidizing agents

**Hazardous decomposition products** ‡ When burned: carbon dioxide, carbon monoxide, hydrocarbons

**Hazardous Polymerization** ‡ Hazardous polymerization does not occur

### 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity**

**LD50 Oral Rat** ‡ Not applicable.

**12. ECOLOGICAL INFORMATION**

<b>Aquatic toxicity</b>	‡ No information available
<b>Other information</b>	
<b>Mobility</b>	‡ No information available
<b>Bioaccumulative Potential</b>	‡ No information available
<b>Ecotoxicity effects</b>	‡ No information available

**13. DISPOSAL CONSIDERATIONS**

<b>Waste from Residues/Unused Products</b>	‡ In accordance with local and national regulations
<b>Contaminated Packaging</b>	‡ Empty containers should be taken for local recycling, recovery or waste disposal

**14. TRANSPORT INFORMATION**

DOT	‡ Not regulated
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**15. REGULATORY INFORMATION**

**U.S. Inventories**

Component	TSCA	CAS-No
1-Decene, homopolymer, hydrogenated	XU	68037-01-4
Dodecene, Homopolymer hydrogenated	XU;P	151006-63-2
1-Dodecene trimer, hydrogenated	P	151006-62-1

**International Inventories**

Component	DSL	EINECS	ENCS	KECL	CHINA	AICS	PICCS
1-Decene, homopolymer, hydrogenated	X	X		X KE-09505	X	X	X
Dodecene, Homopolymer hydrogenated	X	X			X	X	
1-Dodecene trimer, hydrogenated	X	X			X	X	

**16. OTHER INFORMATION**

Prepared By

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