

## MATERIAL SAFETY DATA SHEET (MSDS)

### Section 1 Identity (As used on label and list)

**Product:**  
Canola Oil, Salad

**Manufacturer:**  
Bridgewell Resources  
12420 SE Carpenter Dr  
Clackamas, OR 97015

Date of Preparation: 12-13-10    Revised:    Manufacturer's Telephone: 503.723.5410

### Section 2 Composition of Hazardous Ingredients

Not a hazardous material under the Department of Labor definitions. Is Generally Recognized as Safe (GRAS) under the Food, Drug and Cosmetic Act.

### Section 3 Hazardous Identification

**Primary Routes of Entry:** Skin, Eye, Ingestion, Inhalation  
**Signs & Symptoms of exposure:**  
**Acute:** None Known  
**Chronic:** None Known

### Section 4 First Aid Measures

**Eye:** Flush eyes with water for at least 15 minutes  
**Skin:** May be removed by skin by washing with soap and warm water.  
*For skin or eye contact, see a physician if irritation develops.*  
**Inhalation:** Expose individual to fresh air.

### Section 5 Fire Fighting Measures

**Flammable:** Yes  
**Flash point and Method:** 290°C (554°F)  
**Fire point:** 350°C (662°F)  
**Extinguishing Media:** CO2, Dry Chemical  
**Special Fire Fighting Procedures:**

The use of self-contained breathing apparatus is recommended for fire fighters. Avoid use of water as it may spread fire by dispersing oil. Use water to keep fire-exposed containers cool.

**Hazardous Combustion Products:**

Combustion will produce CO2 and may produce carbon monoxide; other hazardous combustion products are unknown

### Section 6 Accidental Release Measures

**If material is spilled:** Collect and contain spill for salvage or disposal. Prevent material from entering sewer. Take measures to avoid slippage of vehicles or persons. Report to appropriate authorities if substance is on roadways or has entered sewer or body of water.

**Personal Precautions:**

Respiratory Protection:	Not normally needed
Ventilation:	Not normally needed
Protection gloves:	Not normally needed
Eye Protection:	Not normally needed

**Environmental Precautions:** Dispose of in accordance with local, state, and federal regulations

## Section 7 Handling & Storage

<b>Handling:</b>	With general caution
<b>Storage:</b>	Store away from flame, fire, and excessive heat.

## Section 8 Exposure Controls/Personal Protection

<b>Eye Protection:</b>	None needed under normal use.
<b>Skin Protection:</b>	None needed under normal use.
<b>Respiratory Protection:</b>	Not Normally needed
<b>Ventilation:</b>	Not normally needed

## Section 9 Physical & Chemical Properties

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	Translucent, pale yellow
<b>Odor:</b>	No odor- faint frying odor
<b>Specific Gravity:</b>	0.910 – 0.920
<b>Solubility in Water:</b>	Insoluble
<b>Boiling Point:</b>	approx. 450°C (842°F)
<b>Smoke Point:</b>	min. 232°C (449.6°F)
<b>Melting Point:</b>	approx. -10°C (14°F)
<b>Freezing Point:</b>	approx. -18°C - -20°C (-0.4°F - -4°F)
<b>pH:</b>	approx. 6.6

## Section 10 Stability & Reactivity

<b>Stability:</b>	Stable.
<b>Conditions to Avoid:</b>	Temperatures exceeding 280°C, or open flame
<b>Incompatibility:</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products:</b>	None
<b>Hazardous Polymerization:</b>	Will Not Occur

## Section 11 Toxicological Information

<b>Positive Teratogen / Mutagen / Carcinogen (NTP):</b>	NO
<b>Potential Carcinogen OSHA / IARC:</b>	NO

Overall Toxicity:	0
Flammability:	1
Destructive to Eyes/Skin:	0
Absorbed through Skin:	0
Sensitizer:	0
Self-reactive:	0

## Section 12 Ecological Information

**Water Disposals:** Recyclable for animal feed usage, dependent on containments. Incineration or landfill; observe all Federal, Provincial/State, and Municipal Laws and Regulations

**Section 13 Disposal Considerations**

**Waste Disposal Method(s):** Dispose of in accordance with local, state, and federal regulations.

**Water Disposals:** Recyclable for animal feed usage, dependent on containments. Incineration or landfill; observe all Federal, Provincial/State, and Municipal Laws and Regulations

**Section 14 Transportation Information (DOT shipping information)**

**Consumer commodity:** Not Required

**Section 15 Regulatory Information**

Immediate (Acute) Health N Sudden Release of Pressure N

Delayed (Chronic) Health N Reactivity N Fire N

State Right-To-Know (RTK) Information: Check with specific state authorities since regulations vary within the states.

**Section 16 Disclaimer**

To the best of our knowledge, the information contained herein is accurate and is provided in good faith to comply with applicable federal and state laws. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution, although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

**Section 17 Other Information**

Format follows ANSI-Z400. 1-1993 Prepared 01/30/09 and revised.

NA = Not Applicable ND = Not Determined