

MSDS#  
R454272

  
**Material Safety Data Sheet**

Revision Date  
2008-07-09

PHENOL RED BROTH BASE 500GM

Section 1 - Chemical Product and Company Identification

**MSDS Name:**

PHENOL RED BROTH BASE 500GM

**Catalog Numbers:**

R454272

**Company Identification:**

Remel Inc.  
12076 Santa Fe Trail Drive  
Lenexa, KS 66215

**Company Phone Number:**

913-888-0939

**InfoTrac Emergency Number:**

(800) 535-5053

**InfoTrac Emergency Number, international:**

1-352-323-3500

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	Percent	EINECS/ ELINCS
Not available	PHENOL RED BROTH BASE 500GM	100	Not available

Section 3 - Hazards Identification

**EMERGENCY OVERVIEW**

*Caution! May cause eye, skin, and respiratory tract irritation. This is expected to be a low hazard for usual industrial handling. No target organ information has been found.*

Potential Health Effects

**Eye:**

May cause eye irritation.

**Skin:**

May cause skin irritation.

**Ingestion:**

May cause irritation of the digestive tract.

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**Inhalation:**

May cause respiratory tract irritation.

**Chronic:**

No information found

#### Section 4 - First Aid Measures

**Eyes:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

**Skin:**

In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

**Ingestion:**

If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Notes to Physician:**

Treat symptomatically and supportively.

#### Section 5 - Fire Fighting Measures

**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:**

Use water spray, dry chemical, carbon dioxide, or appropriate foam.

**Autoignition Temperature:**

Not available

**Explosion Limits:**

Lower: Not available      Upper: Not available

**Flash Point:**

Not available

**NFPA Rating:**

(estimated) Health: 1; Flammability: 0; Instability: 0

#### Section 6 - Accidental Release Measures

**General Information:**

Use proper personal protective equipment as indicated in Section 8.



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**Spills/Leaks:**

Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Provide ventilation.

### Section 7 - Handling and Storage

**Handling:**

Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage:**

Store in a cool, dry, well-ventilated area away from incompatible substances.

### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Exposure Limits**

Chemical Name:	ACGIH	NIOSH	OSHA	OSHA Vacated PELs
PHENOL RED BROTH BASE 500GM	None listed	None listed	None listed	None listed

### Personal Protective Equipment

**Eyes:**

Wear chemical splash goggles.

**Skin:**

Wear appropriate protective gloves to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to prevent skin exposure.

**Respirators:**

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

### Section 9 - Physical and Chemical Properties

**Physical State:** No information found  
**Color:** No information found  
**Odor:** No information found  
**pH:** No information found  
**Vapor Pressure:** No information found  
**Vapor Density:** No information found  
**Evaporation Rate:** No information found

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**Viscosity:** No information found  
**Boiling Point:** No information found  
**Freezing/Melting Point:** No information found  
**Decomposition Temperature:** No information found  
**Solubility in water:** No information found  
**Specific Gravity/Density:** No information found  
**Molecular Formula:** Mixture  
**Molecular Weight:** No information found

#### Section 10 - Stability and Reactivity

**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Excess heat

**Incompatibilities with Other Materials**

Strong oxidizing agents

**Hazardous Decomposition Products**

None

**Hazardous Polymerization**

Will not occur

#### Section 11 - Toxicological Information

**RTECS:**

No information found

**LD50/LC50:**

No information found

**Carcinogenicity:**

No information found

**Epidemiology:**

No information found

**Teratogenicity:**

No information found

**Reproductive:**

No information found

**Mutagenicity:**

No information found

**Neurotoxicity:**

No information found

**Other:**

No information found

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#### Section 12 - Ecological Information

No information found

#### Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

##### RCRA P Series Wastes

None of the components are on this list.

##### RCRA U Series Wastes

None of the components are on this list.

#### Section 14 - Transport Information

##### US DOT

##### Canadian TDG

**Proper Shipping Name:** Not Regulated

Not Regulated

**Hazard Class:**

**UN Number:**

**Packing Group:**

#### Section 15 - Regulatory Information

##### US Federal

##### TSCA

This product is not listed on the TSCA Inventory. Individual components, however, may appear on the inventory. The use of this product is restricted to research and development or FDA regulated activities.

##### Health and Safety Reporting List

None of the components are on this list.

##### Chemical Test Rules

None of the components are on this list.

##### TSCA Section 12b

None of the components are on this list.

##### TSCA Significant New Use Rule (SNUR)

None of the components are on this list.

##### CERCLA Hazardous Substances and corresponding RQs

None of the components are on this list.

**Material Safety Data Sheet****PHENOL RED BROTH BASE 500GM****SARA Section 302 Extremely Hazardous Substances**

None of the components are on this list.

**SARA Hazard Categories**

Not available

**SARA Section 313**

None of the components are on this list.

**Clean Air Act - Hazardous Air Pollutants (HAPs)**

None of the components are on this list.

**Clean Air Act - Class 1 Ozone Depletors**

None of the components are on this list.

**Clean Air Act - Class 2 Ozone Depletors**

None of the components are on this list.

**Clean Water Act - Hazardous Substances**

None of the components are on this list.

**Clean Water Act - Priority Pollutants**

None of the components are on this list.

**Clean Water Act - Toxic Pollutants**

None of the components are on this list.

**OSHA - Highly Hazardous**

None of the components are on this list.

**OSHA - Specifically Regulated Chemicals**

None of the components are on this list.

## US State

**State Right to Know**

No information found

**California Prop 65**

None of the components are on this list.

**California No Significant Risk Level**

None of the components are on this list.

## European/International Regulations

**European Labelling in Accordance with EC Directives:**

Hazard Symbols: None listed

Risk Phrases: None listed

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

**WGK (Water Danger/Protection)**

No information found

**United Kingdom Occupational Exposure Limits**

No information found

**United Kingdom Maximum Exposure Limits**

No information found

**Canadian DSL/NDSL**

None of the chemicals in this product are listed on the DSL/NDSL list.

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#### Canadian WHMIS Classifications

No information found

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

#### Canadian Ingredient Disclosure List

No information found

### Section 16 - Other Information

*This MSDS is intended for review and guidance in the receipt, storage, handling, use and disposal of product purchased from us, and for no other purpose. Use this product only as directed and in accordance with applicable instructions and warnings provided with the product. Please consult your institution's policies regarding use of this product. If you have obtained this MSDS other than in connection with the supply of this product from us, this MSDS should be consulted for general information only, and should not be relied upon for any purpose. As with the use of all hazardous materials, you should in all instances follow the guidance of the MSDS provided or available with the specific product purchased.*