

# Elemental 7750

## SECTION 1. IDENTIFICATION

**Product Identifier** Elemental 7750  
**Product Family** Parts Wash Bio-Film Conditioner  
**Manufacturer** Elemental, 11 Housers Lane, Woodstock, Ontario, N4S 7V9, 519.537.1095,  
<http://www.elementalchem.com/>  
**Emergency Phone No.** CANUTEC , 613-996-6666, 24 Hours  
**SDS No.** 0152

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Skin corrosion - Category 1C; Serious eye damage - Category 1

### Label Elements



### Danger

Causes severe skin burns and eye damage.

Wash hands thoroughly after handling.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
2-Methyl-4-isothiazolin-3-one	2682-20-4	3-7	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Rinse skin with cool water. If skin irritation or a rash occurs, get medical advice or attention.

#### Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.

If eye irritation persists, get medical advice or attention.

#### Ingestion

Do not induce vomiting. Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

### **First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

### **Most Important Symptoms and Effects, Acute and Delayed**

Symptoms may develop hours after exposure.

### **Immediate Medical Attention and Special Treatment**

#### **Target Organs**

Skin, respiratory system.

#### **Medical Conditions Aggravated by Exposure**

Skin conditions, respiratory conditions.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

### **Specific Hazards Arising from the Product**

Corrosive hydrogen chloride; corrosive sulfur oxides; corrosive, oxidizing nitrogen oxides.

### **Special Protective Equipment and Precautions for Fire-fighters**

Firefighters should wear self-contained breathing apparatus.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

### **Methods and Materials for Containment and Cleaning Up**

Dike spilled product to prevent runoff. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

General hygiene considerations: do not get in eyes, on skin or on clothing.  
Avoid contamination by any source including dusts, metals and organic materials.

### **Conditions for Safe Storage**

Store in a closed container. Separate from incompatible materials (see Section 10: Stability and Reactivity). Comply with all applicable health and safety regulations, fire and building codes.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Appropriate Engineering Controls**

General ventilation is usually adequate. Provide eyewash in work area, if contact or splash hazard exists.

### **Individual Protection Measures**

#### **Eye/Face Protection**

Wear chemical safety goggles.

#### **Skin Protection**

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### **Respiratory Protection**

Not usually required when working with small quantities.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear colourless liquid.
pH	Not available
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Relative Density (water = 1)	1.01
Solubility	Soluble in all proportions in water
Viscosity	Not available (kinematic)

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Normally stable.

### Conditions to Avoid

Contamination. Incompatible materials.

### Incompatible Materials

Amines (e.g. triethylamine), oxidizing agents (e.g. peroxides), reducing agents (e.g. hydroquinone).

### Hazardous Decomposition Products

Corrosive sulfur oxides; corrosive, oxidizing nitrogen oxides; corrosive hydrogen chloride.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Methyl-4-isothiazolin-3-one		183 mg/kg (female rat)	

### Skin Corrosion/Irritation

There is limited evidence of moderate or severe irritation.

### Serious Eye Damage/Irritation

Causes serious eye irritation based on skin irritation information.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Nose and throat irritation.

#### Skin Absorption

May be harmful.

#### Ingestion

May cause Symptoms may include nausea, vomiting, stomach cramps and diarrhea. May cause damage to organs.

### Respiratory and/or Skin Sensitization

May cause an allergic reaction (skin sensitization) based on limited evidence.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Methyl-4-isothiazolin-3-one	Not Listed	Not designated	Not Listed	Not Listed

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## Reproductive Toxicity

### Development of Offspring

Not known to harm the unborn child.

## Germ Cell Mutagenicity

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea
2-Methyl-4-isothiazolin-3-one	190 ug/L (Oncorhynchus mykiss (rainbow trout); 96-hour; fresh water; flow-through)	180 ug/L (Daphnia magna (water flea); 48-hour; fresh water; flow-through)

### Persistence and Degradability

Degrades rapidly based on half-life measurements.

### Bioaccumulative Potential

This product and its degradation products are not expected to bioaccumulate.

### Mobility in Soil

If released into the environment, this product is expected to move rapidly through the soil, based on physical and chemical properties.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of in accordance with federal, state/provincial and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state/provincial and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

## SECTION 14. TRANSPORT INFORMATION

**Special Precautions** Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### WHMIS 1988 Classification



Class D2B



Class E

D2B - Toxic (Skin irritant; Eye irritant); E - Corrosive

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Listed on the DSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

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## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 2</b>	<b>Flammability - 0</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Elemental		
<b>Phone No.</b>	519.537.1095		
<b>Date of Preparation</b>	April 07, 2016		
<b>Disclaimer</b>	<p>Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).</p>		