



## Safety Data Sheet ENZYME CONCENTRATE

### SECTION 1: Identification

#### 1.1 Product identifier

Product name	ENZYME CONCENTRATE
Product number	PES-ENZYME
Brand	PES

#### 1.2 Other means of identification

Carpet cleaner concentrate

#### 1.3 Recommended use of the chemical and restrictions on use

Carpet, upholstery cleaner

#### 1.4 Supplier's details

Name	Pressure Equipment Sales
Address	5646 N. 51st Ave Glendale, AZ 85301 USA
Telephone	(623) 937-8111
Fax	(623) 937-8849
email	martinfpes@hotmail.com

#### 1.5 Emergency phone number(s)

623-326-7945

### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

- Acute toxicity, inhalation, Cat. 5
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 3
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2A
- Acute toxicity, dermal, Cat. 4
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, oral, Cat. 4
- Hazardous to the aquatic environment - long-term hazard, Cat. 2
- Eye damage/irritation, Cat. 2A
- Specific target organ toxicity, single exposure, Cat. 3

#### 2.2 GHS label elements, including precautionary statements

**Pictogram**

# Safety Data Sheet

## ENZYME CONCENTRATE



### Signal word

**Danger**

### Hazard statement(s)

H318	Causes serious eye damage
H332	Harmful if inhaled
H312	Harmful in contact with skin
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H411	Toxic to aquatic life with long lasting effects
H401	Toxic to aquatic life
H335	May cause respiratory irritation

### Precautionary statement(s)

P280	Wear eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/...
P310	Wash ... thoroughly after handling.
P264	Do not eat, drink or smoke when using this product.
P270	IF ON SKIN: Wash with plenty of soap and water.
P302+P352	IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell, Specific treatment (see supplemental first aid instructions on this label).
P301+P312	Rinse mouth.
P321	If skin irritation occurs: Get medical advice/attention.
P330	Dispose of contents/container to ...
P332+P313	If eye irritation persists: Get medical advice/attention.
P501	Avoid breathing dust/fume/gas/mist/vapours/spray.
P337+P313	Take off contaminated clothing.
P261	Use only outdoors or in a well-ventilated area.
P362	Store in a well ventilated place. Keep container tightly closed.
P271	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P403+P233	Store locked up.
P304+P340	Call a POISON CENTER/doctor/... if you feel unwell.
P405	Wear protective gloves/protective clothing/eye protection/face protection.
P312	Avoid release to the environment.
P280	Collect spillage.
P273	
P391	

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

# Safety Data Sheet

## ENZYME CONCENTRATE

If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Continue rinsing eyes during transport to hospital. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.

#### 4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available

### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

#### 5.2 Specific hazards arising from the chemical

None

#### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

Use water spray to cool unopened containers.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. For personal protection see section 8.

#### 6.2 Environmental precautions

Small or household quantities may be disposed in sewer or other liquid waste system. For larger quantities check with your local water treatment plant.

#### 6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

# Safety Data Sheet

## ENZYME CONCENTRATE

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### CAS: (not specified)

Component 2 (trade secret)\*

20 ppm

97 mg/m<sup>3</sup> PEL inhalation; ACGIH (USA): 20 ppm TLV® inhalation; 20 ppm TWA inhalation; Cal/OSHA: 20 ppm PEL inhalation; NIOSH: 5 ppm REL inhalation; 5 ppm

24 mg/m<sup>3</sup> TWA inhalation; OSHA: 50 ppm PEL inhalation; 240 mg/m<sup>3</sup> PEL inhalation; 50 ppm

240 mg/m<sup>3</sup> TWA inhalation

Component 3 (trade secret)\*

ACGIH (USA): 5 mg/m<sup>3</sup> TWA inhalation; Cal/OSHA (USA): 5 mg/m<sup>3</sup> PEL inhalation

Component 4 (trade secret)\*

ACGIH (USA): 10 mg/m<sup>3</sup> TWA inhalation

### 8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection.

#### Skin protection

Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Protective gloves.

#### Body protection

Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

#### Respiratory protection

No special precautions for casual exposure. Ventilation Local Exhaust: None required with normal consumer use. Special: None. Industrial (General): Normal/general dilution ventilation is acceptable. Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

#### Thermal hazards

No data available

#### Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

# Safety Data Sheet

## ENZYME CONCENTRATE

Appearance/form (physical state, color, etc.)	Green liquid chemical with light to medium viscosity
Odor	Clean, Fresh fragrance
Odor threshold	No data available.
pH	9
Melting point/freezing point	No data available
Initial boiling point and boiling range	
Flash point	No data available
Evaporation rate	
Flammability (solid, gas)	not flammable
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	.97
Solubility(ies)	fully soluble
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

None under normal use conditions.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

None under normal use conditions.

#### 10.4 Conditions to avoid

Avoid storing in direct sunlight and avoid extremes of temperature.

#### 10.5 Incompatible materials

Strong acids, Strong oxidizing agents

Strong bases

#### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Oxides of phosphorus, Sodium oxides

Other decomposition products - No data available

In the event of fire: see section 5

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx)

Other decomposition products - No data available

In the event of fire: see section 5

**Safety Data Sheet**  
**ENZYME CONCENTRATE**

**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

Not classified.

**Skin corrosion/irritation**

Irritating to skin.

**Serious eye damage/irritation**

Causes eye irritation.

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**Reproductive toxicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional information**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**SECTION 12: Ecological information**

**Toxicity**

This product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

**Persistence and degradability**

No additional information available.

**Bioaccumulative potential**

No additional information available.

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

# Safety Data Sheet

## ENZYME CONCENTRATE

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

### SECTION 13: Disposal considerations

#### Disposal of the product

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill. Household Use: Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

#### Disposal of contaminated packaging

Dispose of as unused product.

### SECTION 14: Transport information

#### DOT (US)

UN Number:

Class:

Packing Group:

Proper Shipping Name:

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

#### IMDG

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

#### IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### Massachusetts Right To Know Components

Pentasodium triphosphate

CAS-No. 7758-29-4

##### Pennsylvania Right To Know Components

Pentasodium triphosphate

CAS-No. 7758-29-4

##### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

# Safety Data Sheet

## ENZYME CONCENTRATE

### **SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### **SARA 311/312 Hazards**

No SARA Hazards

### **California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### **New Jersey Right To Know Components**

Pentasodium triphosphate  
CAS-No. 7758-29-4

### **Massachusetts Right To Know Components**

Ethylene glycol monobutyl ether  
CAS: 111-76-2

### **New Jersey Right To Know Components**

Ethylene glycol monobutyl ether  
CAS: 111-76-2

### **Pennsylvania Right To Know Components**

Ethylene glycol monobutyl ether  
CAS: 111-76-2

### **SARA 311/312 Hazards**

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

### **SARA 313 Components**

The following components are subject to reporting levels established by SARA Title III, Section 313:  
Ethylene glycol monobutyl ether  
CAS: 111-76-2

### **New Jersey Right To Know Components**

Triethanolamine  
CAS number: 102-71-6

### **Pennsylvania Right To Know Components**

Triethanolamine  
CAS number: 102-71-6

### **Massachusetts Right To Know Components**

Triethanolamine  
CAS number: 102-71-6

### **SARA 313 Components**



# Safety Data Sheet

## ENZYME CONCENTRATE

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### **SARA 311/312 Hazards**

Chronic Health Hazard

### **California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### **Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

### **New Jersey Right To Know Components**

Alkylphenol ethoxylate  
CAS-No. 127087-87-0

### **Pennsylvania Right To Know Components**

Alkylphenol ethoxylate  
CAS-No. 127087-87-0

### **California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### **Pennsylvania Right To Know Components**

Sodium xylenesulphonate  
CAS-No. 1300-72-7

### **New Jersey Right To Know Components**

Sodium xylenesulphonate  
CAS-No. 1300-72-7

### **California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### **SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

### **SARA 311/312 Hazards**

Acute Health Hazard

## **SECTION 16: Other information**