

# Safety Data Sheet

Issue Date: 14-Feb-2001

Revision Date: 22-Aug-2013

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Enlighten

### Other means of identification

**SDS #** KWC-001

**UN/ID No** UN3378

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

**Recommended Use** Wetcleaning spotter.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Kleerwite Chemical  
P.O. Box 32063  
Henrico, VA 23294

### Emergency Telephone Number

**Company Phone Number** Phone: 877-553-3794

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** White powder

**Physical State** Powder

**Odor** Odorless

### Classification

Acute toxicity - Oral	Category 4
Oxidizing Solids	Category 2

### Signal Word

**Danger**

### Hazard Statements

Harmful if swallowed

May intensify fire; oxidizer



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Keep/Store away from clothing/heat/combustible materials

Wear protective gloves/protective clothing/eye protection/face protection

Take any precaution to avoid mixing with combustibles

**Precautionary Statements - Response**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

IN CASE OF FIRE: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Toxic to aquatic life with long lasting effects

Toxic to aquatic life

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Trade Secret	Proprietary	>75
Trade Secret	Proprietary	<10

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
<b>Skin Contact</b>	Flush with water. Take off contaminated clothing.
<b>Inhalation</b>	Remove to fresh air. Seek medical attention if irritation persists.
<b>Ingestion</b>	Rinse mouth. Give several glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

**Most important symptoms and effects**

<b>Symptoms</b>	Irritating to mucous membranes, eyes, and skin.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Foam. Carbon dioxide (CO<sub>2</sub>). Water spray (fog). BC/ABC extinguisher may be used in area where material is stored.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Oxygen released on exothermic decomposition may support combustion.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- Personal Precautions** Use personal protective equipment as required.
- Environmental Precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up** Material is a solid and may be swept up. Flush spill area with water.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

- Advice on Safe Handling** Do not get in eyes, on skin, or on clothing. Do NOT take internally. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Take any precaution to avoid mixing with combustibles. Keep/Store away from clothing/heat/combustible materials. Use personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

### Conditions for safe storage, including any incompatibilities

- Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.
- Incompatible Materials** Strong acids. Reducing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Guidelines** No exposure limits noted for ingredient(s)

### Appropriate engineering controls

- Engineering Controls** Ventilation systems.

### Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Avoid contact with eyes.
- Skin and Body Protection** For prolonged or repeated skin contact use suitable protective gloves.
- Respiratory Protection** No protective equipment is needed under normal use conditions.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Powder	<b>Odor</b>	Odorless
<b>Appearance</b>	White powder	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	10.5	(1% solution)
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Decomposes	
Flash Point	Not applicable	
Evaporation Rate	Slower than ether	
Flammability (Solid, Gas)	Not flammable	
Upper Flammability Limits	Not flammable	
Lower Flammability Limit	Not flammable	
Vapor Pressure	Not applicable	
Vapor Density	Not applicable	
Specific Gravity	1.729	(1=Water)
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
Density	14.4 lb/gal	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Strong acids. Reducing agents.

### Hazardous Decomposition Products

Oxygen.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation.
<b>Inhalation</b>	Avoid inhalation of dust.
<b>Ingestion</b>	Harmful if swallowed.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret	= 1034 mg/kg ( Rat )	-	-
Trade Secret	= 4090 mg/kg ( Rat )	-	-

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

### Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trade Secret	70: 240 h Chlorella emersonii mg/L EC50	70.7: 96 h Pimephales promelas mg/L LC50 static		4.9: 48 h Daphnia pulex mg/L EC50
Trade Secret	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static		265: 48 h Daphnia magna mg/L EC50

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Not determined

### Other Adverse Effects

Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Trade Secret	Ignitable
Trade Secret	Corrosive

### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### DOT

<b>UN/ID No</b>	UN3378
<b>Proper Shipping Name</b>	Sodium carbonate peroxyhydrate
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	II

#### IATA

<b>UN/ID No</b>	UN3378
<b>Proper Shipping Name</b>	Sodium carbonate peroxyhydrate
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	II

#### IMDG

<b>UN/ID No</b>	UN3378
<b>Proper Shipping Name</b>	Sodium carbonate peroxyhydrate
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	II

### 15. REGULATORY INFORMATION

#### International Inventories

Not determined

#### US Federal Regulations

#### SARA 313

Not determined

#### US State Regulations

#### U.S. State Right-to-Know Regulations

Not determined

**16. OTHER INFORMATION**

<b><u>NEPA</u></b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards Not</b> determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 2	<b>Flammability</b> 0	<b>Physical Hazards</b> 1	<b>Personal</b> <b>Protection E</b>

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**