



## Safety Data Sheet Eco-Cleaner

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### SECTION 1: Identification

#### 1.1 Product identifier

Product name	Eco-Cleaner
Brand	EXPERT Clean & Bright

#### 1.2 Other means of identification

Green solution

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

Cleaner. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

#### 1.4 Supplier's details

Name	Restorative Wood Products, LLC
Address	Stain & Seal Experts 1483 N. Mt. Juliet Rd Suite #135 Mt. Juliet, TN 37122 USA

Telephone	615-785-1861
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#### 1.5 Emergency phone number(s)

615-785-1861

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### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1
- Acute toxicity, oral, Cat. 4
- Oxidizing solids, Cat. 2

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

Pictogram



# Safety Data Sheet

## Eco-Cleaner

### Signal word

### Danger

### Hazard statement(s)

H272

H302

H318

May intensify fire; oxidizer

Harmful if swallowed

Causes serious eye damage

### Precautionary statement(s)

P210

P220

P221

P264

P270

P280

P301+P312+P330

P305+P351+P338+P310

P501

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

Keep/Store away from clothing/combustible materials.

Take any precaution to avoid mixing with combustibles.

Wash hands and exposed skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear eye protection/face protection/protective gloves.

IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell. Rinse mouth.

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.

Dispose of contents/container in accordance with applicable Federal, State and local laws and regulations.

## 2.3 Other hazards which do not result in classification

No data available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Component	Concentration
Sodium percarbonate (CAS no.: 15630-89-4)	<100 % (weight)

Other names / synonyms: Carbonic acid sodium salt (1:2), compd. with hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) (2:3); Sodium carbonate peroxide; Disodium carbonate, compound with hydrogen peroxide (2:3).

Formula: CNa<sub>2</sub>O<sub>3</sub> · 1.5H<sub>2</sub>O<sub>2</sub>

Molecular weight: 157.01 g/mol

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice

In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

In case of skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse.

In case of eye contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

## Safety Data Sheet

### Eco-Cleaner

If swallowed	Immediately call a poison center or doctor. Rinse mouth with water. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel.
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#### 4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

If inhaled	May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
If swallowed	Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

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

No data available.

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## 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

Oxidizing solid. Oxygen released in thermal decomposition may support combustion. Contact with combustible material may cause fire. Contact with flammables may cause fire or explosions. Risk of explosion if heated under confinement.

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

Wear self-contained breathing apparatus for firefighting if necessary.

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## SECTION 6: Accidental release measures

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

Do not breathe dust. Avoid contact with skin and eyes. Keep combustibles (wood, paper, oil, etc) and other incompatible products away from spilled material. Wear appropriate personal protective equipment as described in Section 8.

#### 6.2 Environmental precautions

Keep out of drains, sewers, ditches, and waterways.

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

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

#### Reference to other sections

For disposal see section 13.

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## SECTION 7: Handling and storage

# Safety Data Sheet

## Eco-Cleaner

### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and eyes. Avoid dust formation. Avoid inhalation of dust. Keep away from incompatible products. Keep away from heat and sources of ignition. Eating, drinking and smoking is prohibited while using the product. Wash hands with soap and water after handling. Wear appropriate personal protective equipment as described in Section 8.

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

Keep containers closed in a dry, cool and well-ventilated place. Keep away from incompatible products. Avoid exposure to moist air or water. Keep out of the reach of children.

#### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No applicable occupational exposure limits

### 8.2 Appropriate engineering controls

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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

#### Pictograms



#### Eye/face protection

When engaged in activities where ingredients could contact the eye, wear safety glasses with side shields or goggles. Eye protection equipment must be tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

#### Skin protection

Protective gloves, such as nitrile gloves.

#### Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

#### Thermal hazards

No data available.

#### Environmental exposure controls

Do not let product enter drains.

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## SECTION 9: Physical and chemical properties

# Safety Data Sheet

## Eco-Cleaner

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Solid.
Odor	Odorless.
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	Not applicable.
Evaporation rate	No data available.
Flammability (solid, gas)	Not flammable
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	Not applicable.
Explosive properties	Not explosive.
Oxidizing properties	Oxidizing solid.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Oxidizer.

### 10.2 Chemical stability

Stable under normal conditions. Potential for exothermic hazard.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Avoid contact with incompatible materials. Avoid thermal decomposition, do not overheat.

### 10.5 Incompatible materials

Acids, Bases, Reducing agents, Organic materials, Flammable materials, Combustible materials.

### 10.6 Hazardous decomposition products

Oxygen.

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## SECTION 11: Toxicological information

### Information on toxicological effects

Likely Routes of Exposure: Eye contact. Skin contact. Ingestion.

Acute and delayed symptoms and effects from skin and eye contact, inhalation and ingestion are listed in Section 4.

### Acute toxicity

Harmful if swallowed.

## Safety Data Sheet

### Eco-Cleaner

Sodium percarbonate (CAS no.: 15630-89-4)

LD50 Oral – Rat - 1034 mg/kg

LD50 Dermal – Rabbit - >2000 mg/kg

#### **Skin corrosion/irritation**

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

#### **Serious eye damage/irritation**

Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

#### **Respiratory or skin sensitization**

No data available.

#### **Germ cell mutagenicity**

No data available.

#### **Carcinogenicity**

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

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

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

#### **Reproductive toxicity**

No data available.

#### **Summary of evaluation of the CMR properties**

No data available.

#### **STOT-single exposure**

No data available.

#### **STOT-repeated exposure**

No data available.

#### **Aspiration hazard**

No data available.

#### **Additional information**

No data available.

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## SECTION 12: Ecological information

#### **Toxicity**

The product is toxic to aquatic organisms.

#### **Persistence and degradability**

No data available on product

#### **Bioaccumulative potential**

No data available on product

#### **Mobility in soil**

# Safety Data Sheet

## Eco-Cleaner

No data available.

### Results of PBT and vPvB assessment

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

### Other adverse effects

No data available.

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## SECTION 13: Disposal considerations

### Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

### Disposal of contaminated packaging

Dispose of as unused product.

### Waste treatment

No data available.

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## SECTION 14: Transport information

### DOT (US)

UN Number: 3378

Class: 5.1

Packing Group: II

Proper Shipping Name: Sodium carbonate peroxyhydrate

### IMDG

UN Number: 3378

Class: 5.1

Packing Group: II

Proper Shipping Name: Sodium carbonate peroxyhydrate

### IATA

UN Number: 3378

Class: 5.1

Packing Group: II

Proper Shipping Name: Sodium carbonate peroxyhydrate

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## SECTION 15: Regulatory information

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

#### SARA 302 Components

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

#### SARA 311/312 Hazards

Reactivity Hazard, Acute Health Hazard.

#### 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.

#### California Prop. 65 Components

## Safety Data Sheet

### Eco-Cleaner

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

#### HMIS Rating

Eco-Cleaner	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	2
PERSONAL PROTECTION	

#### NFPA Rating



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## SECTION 16: Other information

Date of preparation: September 02, 2020.

### 16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. All materials may present unknown hazards and should be used with caution. In no event shall we be held liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if we have been advised of the possibility of such damages.

### 16.2 Preparation information

SDS created by productSDS Global SDS Authoring Center [www.productsds.com](http://www.productsds.com)