

EXPERT^{®/TM}

PROFESSIONAL WOOD CARE

Safety Data Sheet

EXPERT Clean & Bright - Stripper Booster

SECTION 1: Identification

1.1 Product identifier

Product name	EXPERT Clean & Bright - Stripper Booster
Brand	EXPERT Clean & Bright

1.2 Other means of identification

Colorless Liquid

1.3 Recommended use of the chemical and restrictions on use

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

1.4 Supplier's details

Name	
Address	Restorative Wood Products, LLC. 346 Old Liberty Road Alexandria, TN 37012
Telephone	615-785-1861

1.5 Emergency phone number(s)

615-785-1861

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

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

- Acute toxicity, dermal, Cat. 4
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Flammable liquids, Cat. 4

2.2 GHS label elements, including precautionary statements

Pictogram

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If inhaled	If breathed in, move person into fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Call a poison center or doctor if you feel unwell.
In case of skin contact	Wash with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Take off contaminated clothing and wash it before reuse.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.
If swallowed	Call a poison center or doctor if you feel unwell. 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.
Personal protective equipment for first-aid responders	Refer to Section 8 for specific personal protective equipment recommendations.

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	Harmful if inhaled. Signs/symptoms may include irritation of the respiratory tract, headache, dizziness.
In case of skin contact	Harmful in contact with skin. Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

The signs and symptoms of poisoning include anion gap metabolic acidosis, CNS depression, renal tubular injury, and possible late stage cranial nerve involvement. Respiratory symptoms, including pulmonary edema, may be delayed.

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

Treat symptomatically and supportively. This material may have a mechanism of intoxication like ethylene glycol. Thus, treatment similar to ethylene glycol intoxication may be considered.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Combustible liquid. Hazardous decomposition products: Carbon oxides, organic compounds.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

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Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Pick up and keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday. Keep away from sources of ignition. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep out of the reach of children.

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

2-Butoxyethanol (CAS: 111-76-2 EC: 203-905-0)

PEL-TWA: 50 ppm (240 mg/m³) (OSHA)

REL-TWA: 5 ppm (24 mg/m³) (NIOSH)

TLV-TWA: 20 ppm (ACGIH)

PEL-TWA: 20 ppm (97 mg/m³) (Cal/OSHA)

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

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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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Colorless liquid.
Odor	Mild.
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	-75 °C
Initial boiling point and boiling range	171 °C
Flash point	67 °C
Evaporation rate	0.06 (Butyl Acetate=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	1.3 % vol (lower); 10.6 % vol (upper)
Vapor pressure	0.87 mmHg at 20 °C
Vapor density	No data available.
Relative density	0.9005 - 0.9040 at 20 °C
Solubility(ies)	Soluble in water (100 % at 20 °C)
Partition coefficient: n-octanol/water	log Pow: 0.81
Auto-ignition temperature	230 °C
Decomposition temperature	No data available.
Viscosity	3.3 mPa.s at 20 °C (dynamic); 3.7 mm ² /s at 20 °C (kinematic)
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal use conditions.

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10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Polymerization will not occur.

10.4 Conditions to avoid

Do not distill to dryness. Product can oxidize at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

10.5 Incompatible materials

Strong oxidizing agents, strong acids.

10.6 Hazardous decomposition products

Decomposition products can include and are not limited to: aldehydes, ketones, organic acids, carbon oxides.

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. Harmful in contact with skin. Harmful if inhaled

2-Butoxyethanol (CAS no.: 111-76-2)

LD50 (oral) – rat – 470 mg/kg

LD50 (dermal) – rabbit – 220 mg/kg

LC50 (inhalation) – rat – 450 ppm/4H

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy 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

In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals.

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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

In animals, effects have been reported on the following organs: blood (hemolysis) and secondary effects on the kidney and liver. Human red blood cells have been shown to be significantly less sensitive to hemolysis than those of rodents and rabbits.

SECTION 12: Ecological information

Toxicity

LC50, Oncorhynchus mykiss (rainbow trout), static test, 96 Hour, 1,474 mg/l, OECD Test Guideline 203.
EC50, Daphnia magna (Water flea), static test, 48 Hour, 1,550 mg/l, OECD Test Guideline 202.

Persistence and degradability

Material is readily biodegradable.

Bioaccumulative potential

Bioconcentration potential is low.

Mobility in soil

Potential for mobility in soil is high (Koc between 50 and 150).

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.

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.

SECTION 14: Transport information

DOT (US)

UN Number: NA1993

Class: none

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Packing Group: III

Proper Shipping Name: Combustible liquid, n.o.s. (2-n-Butoxyethanol)

IMDG

Not dangerous goods

IATA

Not dangerous goods

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

Acute Health Hazard.

SARA 313 Components

2-Butoxyethanol (CAS no.: 111-76-2)

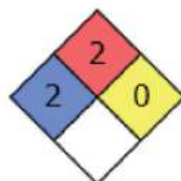
California Prop. 65 Components

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

HMIS Rating

Butyl Booster	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



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

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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

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