

TOUGH-QUENCH™ QUENCHING OIL - TOUGH-QUENCH QUENCHING OIL, 1 GALLON

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Special Compound Oil For All Oil Hardening Steels

BROWNELLS TOUGH-QUENCH™ QUENCHING OIL Developed specifically for predictable, controlled, fast quenching speed to consistently give a uniform, high. oil quenching hardness. Oil soluble agents wet out work rapidly, prevents formation of gas pockets. Less smoke, low rate of heat transfer to minimize distortion and cracking of the steel. SPECS: 1 qt. (16 fl. oz./946 ml), 1 gal. (128 fl. oz./3.8 L) in cans. Flash point is 355° F. (179.4° C.) Fire point is 410° F. (210° C.).



Attributes

- Name: [TOUGH-QUENCH QUENCHING OIL, 1 GALLON](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 083027128
- Mfr. No.: NONE
- Delivery weight: 4.06kg
- Shipping height: 762mm
- Shipping width: 145mm
- Shipping length: 201mm
- UPC: 050806103641

Item details

Made in USA

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TOUGHQUENCH™ QUENCHING OIL SAFETY INSTRUCTIONS

Introduction

Thank you for choosing BROWNELLS TOUGHQUENCH™ QUENCHING OIL. This guide provides essential safety instructions to ensure the safe and effective use of this product. Please read and follow these guidelines carefully to minimize risks and ensure your safety.

General Safety Guidelines

- Always store the quenching oil in a cool, dry place away from direct sunlight and heat sources.
- Keep the product out of the reach of children and pets.
- Use personal protective equipment (PPE) such as gloves and safety goggles when handling the oil.
- Ensure adequate ventilation in the area where the oil is used to avoid inhalation of fumes.
- Do not use the oil near open flames or sparks to prevent fire hazards.
- Be aware of the flash point (355° F / 179.4° C) and fire point (410° F / 210° C) of the oil.

Specific Safety Precautions for Use

- Avoid skin contact with the quenching oil. In case of contact, wash the affected area with soap and water.
- In case of eye contact, rinse immediately with plenty of water and seek medical attention if irritation persists.
- Do not ingest the oil. If ingested, seek medical advice immediately.
- Be cautious of potential gas pockets forming during the quenching process; this can lead to unexpected reactions.
- Do not mix with other chemicals unless specified by the manufacturer.

Instructions for Installation and Usage

1. Before using TOUGHQUENCH™ QUENCHING OIL, ensure that all equipment is clean and free from contaminants.
2. Pour the oil into a suitable container designed for quenching.
3. Heat the metal part to the required temperature according to your specific heat treatment process.
4. Immerse the heated part into the quenching oil quickly and completely to ensure uniform cooling.
5. Allow the part to cool in the oil for the recommended time based on your heat treatment specifications.
6. After use, allow the oil to cool down before sealing the container.

Disposal Instructions

- Dispose of used quenching oil in accordance with local regulations.
- Do not pour the oil down the drain or into the environment.
- Contact local waste disposal authorities for proper disposal methods.

Contact Information for Further Support

For any safety inquiries or concerns regarding TOUGHQUENCH™ QUENCHING OIL, please contact the manufacturer directly. Ensure you have the product details available for reference.

Conclusion

By following these safety instructions, you can safely use BROWNELLS TOUGHQUENCH™ QUENCHING OIL for your heat treatment needs. Your safety is our priority, and we encourage you to report any unsafe conditions or

incidents to the relevant authorities. Thank you for your attention to these guidelines.

About Us

Brownells Switzerland

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www.brownells.ch