

MATERIAL SAFETY DATA SHEET

VERSION: **2.0 TOOL & BIT CLEANER**

ISSUE DATE: **FEBRUARY 10TH, 2010**

OSHA "HAZARD COMMUNICATION" (29 CFR 1910.1200)

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name: Tool & Bit Cleaner.

Product ref: U*CLEAN/500, U*CLEAN/5GAL, U*CLEAN/55GAL.

Application: Industrial cleaner.

Suppliers trade names: Tool & Bit Cleaner.

Synonyms: Mixture.

Suppliers name: GUHDO USA Inc

1135 JVL Court

Marietta, GA 30066

USA

Tel: 770.592.4766

Fax: 770.592.1714

Email: tech@guhdo.com

In case of emergency

please contact: Chemtel Inc: 1(800) 255 3924

Chemical formula: Proprietary.

Chemical family: Mixture.

Chemical name: Not applicable.

Product use: Industrial cleaner.

Section 1 notes: Not applicable.

2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient Name CAS No. REACH
(EINECS)**

Reg. No.

Wt (%) Vol (%) SARA 313 Reportable

2-Butoxyethanol 111-76-2 268-687-1 <4% <4% Not applicable.

OSHA PEL-TWA: 50 ppm 242 mg/m³

ACGIH TLV-TWA: 25 ppm 121 mg/m³.

Section 2 notes: Not applicable.

3. HAZARDS IDENTIFICATION

Emergency overview: Non-toxic.

Skin: Prolonged exposure may tend to irritate sensitive skin.

Eyes: Eye irritant.

Inhalation: May cause temporary shortness of breath.

Ingestion: May cause indigestion.

Acute health hazards: Not applicable.

Chronic health hazards: Not applicable.

Medical conditions generally

aggravated by exposure: Sensitive skin

Carcinogenicity: OSHA: Not applicable.
ACGIH: Not applicable.
NTP: Not applicable.
IARC: Not applicable.
Other: Not applicable.
Section 3 notes: The ingredients of this product are not carcinogenic.

4. FIRST-AID MEASURES

Skin contact: If irritated, withdraw from further contact. If irritation persists, get medical attention.

Eye contact: Flush with potable water for 15 minutes. If irritation persists, get medical attention.

Ingestion: Drink water. Do not induce vomiting. Get medical attention.

Inhalation: Remove to fresh air. If breathing is labored, get medical attention.

Notes to physicians or

first aid providers: At 4% the Tool & Bit cleaner does not possess occupational health risk associated with undiluted 2-butoxyethanol. None of the ingredients of the Tool & Bit Cleaner are regulated under RCRA, CERCLA or CWA and none are regulated or listed as potential cancer agents by OSHA, NTP or IARC.

Section 4 notes: Not applicable.

5. FIRE-FIGHTING MEASURES

Flammable limits in air

(% by volume) Upper: Not applicable.

Lower: Not applicable.

Flash point: Not applicable.

(Method used:) Not applicable.

Auto-ignition temperature: Not applicable.

NFPA hazard classification: Health: 1

Flammability: 0

Reactivity: 0

Other: Not applicable.

HMIS hazard classification: Health: 1

Flammability: 0

Physical hazard: 0

Other: Not applicable.

Extinguishing media: This product does not burn.

Special fire fighting

procedures: None.

Unusual fire and explosion

hazards: None.

Hazardous decomposition

products: None.

Section 5 notes: This product does not burn.

6. ACCIDENTAL RELEASE MEASURES

Accidental release measures: Small spills may be flushed to municipal sewage drain or approved waste water treatment facility.

Larger spills should be absorbed, contained, and recycled.

Section 6 notes: This product can render flat surfaces extremely slippery. Be careful.

7. HANDLING AND STORAGE

Handling and storage: Store in leak proof containers in a cool place.

Other precautions: None.

Section 7 notes: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Not applicable.

Ventilation: Not applicable.

Respiratory protection: Not applicable.

Eye protection: Optional but recommended.

Skin protection: Optional but recommended.

Other protective clothing or equipment: Optional.

Work hygienic practices: Normal.

Exposure guidelines: No special rules.

Section 8 notes: Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid foams easily.

Physical state: Liquid.

Odour: Slightly sweet smell.

pH as supplied: 9.2

(Other): Not applicable.

Boiling point: 219°F (104°C).

Melting point: 18°F (-8°C)

Freezing point: 18°F (-8°C).

Vapor pressure: 17.5mmHg @ 68°F (20°C).

Vapor density (Air=1): 1.02 @ @ 68°F (20°C).

Specific gravity (H₂O=1): 1.02 @ 68°F (20°C).

Evaporation rate: Same as water.

Basis (=1)

Solubility in water: Soluble.

Percent solid by weight: 12%

Percent volatile: by w/t by vol 96% @ 68°F (20°C).

Volatile organic compounds

(VOC): With water: Lbs/gal varies.

Without water: Lbs/gal < 4%.

Molecular weight: Mixture (same as water).

Viscosity: 1.04 cST @ 100°F (38°C)

Section 9 notes: Not applicable.

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid

(stability): This product is stable.

Incompatibility

(material to avoid): Over time, may tend to dull aluminium and magnesium.

Hazardous decomposition

or by-products: None.

Hazardous polymerization: Not applicable.

Conditions to avoid
(polymerization): Not applicable.
Section 10 notes: Not applicable.

11. TOXICOLOGICAL INFORMATION

This product has been determined a mild eye irritant by Duke University Dept of Environmental Health.
Section 11 notes: Not applicable.

12. ECOLOGICAL INFORMATION

This product biodegrades 97% in 28 days.
Section 12 notes: Not applicable.

13. DISPOSAL CONSIDERATIONS

Product disposal method: Small spills may be flushed with water.
Packaging disposal: Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.
RCRA hazard class: Not applicable.
Section 13 notes: No special considerations.

14. TRANSPORT INFORMATION

U.S. Department of
Transportation
Proper shipping name: This product is not regulated.
Hazard class:
ID number:
Packing group:
Label statement:
Water transportation
Proper shipping name: This product is not regulated.
Hazard class:
ID number:
Packing group:
Label statements:
Air transportation
Proper shipping name: This product is not regulated.
Hazard class:
ID number:
Packing group:
Label statements:
Other agencies: Not applicable.
Section 14 notes: Not applicable.

15. REGULATORY INFORMATION

U.S. Federal regulations: TSCA (Toxic Substance Control Act): Not applicable.
CERCLA (Comprehensive Response
Compensation, and Liability Act): Not applicable.
SARA Title III (Superfund Amendments

and Reauthorization Act): Not applicable.
311/312 hazard categories: Not applicable.
313 reportable ingredients: None reportable.
State regulations: Not applicable.
International regulations: Not applicable.

16. OTHER INFORMATION

User notes: Sections revised: - 1, 16.

Information sources: Supplier's own safety data sheet file no. CS13-01, issued December 23rd 2009.

Revisions comments: Supplier details updated.

Trend MSDS ref: LEAF/HS/U*CLEAN

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