

# Trend Machinery & Cutting Tools Ltd.

Odhams Trading Estate, St Albans Road, Watford, Hertfordshire  
WD24 7TR United Kingdom. Tel: 0044 (0) 1923 249911

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<b>REVISION: 2</b>	<b>TOOL &amp; BIT CLEANER</b>
	<b>COPIED: N J MCMILLAN</b>
	<b>REVISION DATE: 28TH NOVEMBER 2013</b>

According to Regulation (EC) No 1907/2006, Article 31 (REACH)

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

### 1.1. Product identifier

Product name: Tool & Bit Cleaner

Product ref: CLEAN/500

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Multi-purpose surface cleaner, degreaser.

Description: Detergent.

### 1.3. Details of the supplier

Suppliers trade name: Tool & Bit Cleaner

Supplier: Trend Machinery & Cutting tools Ltd  
Unit 6 Odhams Trading Estate  
St. Albans Road  
Watford, Herts  
WD24 7TR  
United Kingdom

Tel: 0044 (0) 1923 249911  
Fax: 0044 (0) 1923 228656  
Email: mcmillann@trendm.co.uk

### 1.4. Emergency telephone number

Emergency telephone 001 813 248 0585  
Chem-Tel

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## SECTION 2: HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

2.1.1 Classification -  
1999/45EC

Xn:Xi; R20/21/22.R36/38.S23.S24/25.S45.  
Symbols: Xn:Harmful. Xi: Irritant.

Main hazards: This product is a clear liquid with a faint sweet odour. Prolonged exposure can be irritating to eyes, respiratory system and skin. It is a non-flammable liquid. The environmental effects of this product have not been investigated.

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## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Water		7732-18-5	231-791-2		85 - 97%	None
Alcohols, C12-15 ethoxylated		68161-39-5	500-195-7		1 - 5%	None
2-Butoxyethanol		111-176-2	203-905-0		1 - 5%	Xn; Xi: R20/21/22. R36/38.
Sodium carbonate		497-19-8	207-838-8		1 - 5%	Xi; R36.

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

## SECTION 4: FIRST-AID MEASURES

### 4.1. Description of first aid measures

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

**Skin contact:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

**Eye contact:** if product enters the eyes, open eyes while under gentle running water for at least 15 minutes.

**Ingestion:** If product is swallowed call physician or poison control centre for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to a health professional.

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Inhalation: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

Medical conditions aggravated by exposure: Pre-existing skin, or eye problems may be aggravated by prolonged contact.

Recommendations to Physicians: Treat symptom and reduce over-exposure.

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## SECTION 5: FIRE-FIGHTING MEASURES

Flashpoint: Not flammable.

Auto ignition temperature: Not applicable.

Flammable limits (in air by volume, %): Lower (LEL: N/a Upper (UEL): N/a

### 5.1. Extinguishing media

Extinguishing media: As appropriate for surrounding fire. Carbon dioxide, foam, dry chemical, halon, or water spray.

### Unusual fire and explosion hazards

This product is non-flammable, however containers may rupture if exposed to heat or fire.

Explosion sensitivity to mechanical impact: Not sensitive.

Explosion sensitivity to Static discharge: Not sensitive.

### 5.2. Advise to fire fighters

Advice to fire fighters: Incipient fire responders should wear eye protection. Structural fire fighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from the area if this can be done without risk: otherwise, cool with carefully applied water spray. If possible prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Personnel should be trained for spill response operations.

### 6.2. Environmental precautions

Do not empty into drains: dispose of this material and its container in a safe way.

### 6.3. Methods and material for containment and cleaning up

Contain spill if safe to do so. Soak up with absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable local, state or national legislation.

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## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

As with all chemicals, avoid getting this product on you or in you. Wash thoroughly after handling this product. Do not eat, drink smoke or apply cosmetics while handling this product. Avoid breathing dusts generated by this product. Use in well ventilated location.

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

Containers of this product must be properly labelled. Store containers in a cool, dry location. Keep container tightly closed when not in use. Store away from strong acids or oxidizers.

Suitable packaging: Store in original container.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### 8.1.1 Exposure Limit Values

Water 7732-18-5	WEL 8-hr limit ppm: n/a WEL 15min limit ppm: n/a	WEL 8-hr limit mg/m3: n/a WEL 15 min limit mg/m3: n/a
Alcohols, C12-15 ethoxylated 68131-39-5	WEL 8-hr limit ppm: n/a WEL 15min limit ppm: n/a	WEL 8-hr limit mg/m3: n/a WEL 15 min limit mg/m3: n/a
2-Butoxyethanol 111-76-2	WEL 8-hr limit ppm: 25 WEL 15min limit ppm: 50	WEL 8-hr limit mg/m3: 123 WEL 15 min limit mg/m3: 246

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Sodium carbonate  
497-19-8

WEL 8-hr limit ppm: n/a  
WEL 15min limit ppm: n/a

WEL 8-hr limit mg/m<sup>3</sup>: n/a  
WEL 15 min limit mg/m<sup>3</sup>: n/a

## 8.2. Exposure controls

8.2.1 Appropriate  
engineering controls:

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne vapours. Ensure eyewash/safety shower stations are available near areas where this product is used.

Eye/face protection:

Safety glasses are recommended where splashing is possible.

Skin protection –  
hand protection:

Not normally required when using this product. Use PPE appropriate to task performed.

Respiratory protection:

Not normally required when using this product. Maintain airborne containment concentrations below those listed above. If necessary, use only respiratory protection to EN149 standard.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

State: Liquid.  
Appearance and odour: Clear liquid with faint sweet odour.  
Odour threshold (PPM): Not available.  
Vapour pressure (mmHg): Not available.  
Vapour density (Air=1): 1.02.  
By weight: Not available.  
Evaporation rate (nBuAc=1): Same as water.  
Boiling point (C°): 104°C.  
Freezing point (C°): -8°C.  
pH: 10.5 - 11.0.  
Specific gravity 20°C (water=1): 1.02.  
Solubility in water (%): Complete.

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## SECTION 10: STABILITY AND REACTIVITY

### 10.2 Chemical stability

Product is stable.

Decomposition products:

When heated to decomposition this product produces oxides of Carbon (CO<sub>x</sub>), and Hydrocarbons.

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Materials with which substance is incompatible: Strong acids and strong oxidising agents.

Hazardous polymerisation: Will not occur.

Conditions to avoid: Contact with incompatible materials.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1.4 Toxicological information

Toxicity data: Toxicity is not available for mixture.  
2-butoxyethanol Oral LD50 470 mg/kg Rat

Irritancy of product: Contact with this product can be irritating to exposed skin, eyes and respiratory system.

Sensitisation of product: This product is not considered a sensitizer.

Reproductive toxicity information: No information concerning the effects of this product and its components on the human reproductive system.

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## SECTION 12: ECOLOGICAL INFORMATION

All work practices must be aimed at eliminating environmental contamination.

Environmental stability: No data available at this time.

Effect of material on plants and animals: No evidence is currently available on this product's effect on plants or animals.

Effect of chemical on aquatic life: No evidence is currently available on this product's effect on aquatic life.

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## SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of the preparation according to local and national regulations.

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## SECTION 14: TRANSPORT INFORMATION

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ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.
Proper shipping name:	Non-regulated material.
Hazard class number and Description:	Not applicable
UN identification number:	No applicable.
Packaging group:	Not applicable.

## SECTION 15: REGULATORY INFORMATION

### Labelling

Symbols:

Xn: Harmful.

Xi: Irritant.



Risk phrases:	R20/21/22: Harmful by inhalation, in contact with skin and if swallowed. R36/38: irritating to eyes and skin.
Safety phrases:	S23: Do not breathe gas/fumes/vapour/spray. S24/25: Avoid contact with skin and eyes. S45: In case of an accident or if you feel unwell, seek medical advice immediately.
UK regulatory references:	Chemicals (Hazard Information & Packaging for Supply) Regulations 2009.
EU directives:	Dangerous Preparations Directive 1999/45/EEC. System of specific information relating to Dangerous Preparations 2001/58/EEC.

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Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) EC 1907/2006 Article 31 and Annex II.

Statutory instruments: Chemicals (Hazard Information & Packaging) Regulations.  
Control of Substances Hazardous to Health.

Approved code of practice: Classification and Labelling of Substances and Preparations for Supply.

Guidance notes: CHIP for everyone HSG228.  
EH40/2005 Workplace Exposure Limits HSE.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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## SECTION 16: OTHER INFORMATION

### Other information

Risk phrases used in Section 3:

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
R36/38: irritating to eyes and skin.

General Information: This product should be used as directed by Trend Machinery & Cutting Tools Ltd. For further information contact Technical Support.  
This data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Trend Machinery & Cutting Tools Ltd

Information sources: Supplier's own safety data sheet, issued 02/2012 rev2

User notes: Sections revised: 1 to 16.

Revision comments: Supplier updated SDS.

Trend SDS Ref: LEAF/HS/HS/CLEAN

Legal disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the stage of publication. The information given is designed only as guidance for safe handling, use, processing,



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