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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Product name : Tools & Bit Cleaner, Formula CS13B
Product code : CLEAN/500

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Industrial/Professional use spec : Multi-purpose surface cleaner, degreaser

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Trend Machinery & Cutting Tools Ltd
Unit 6 Odhams Trading Estate
St. Albans Road
Watford
Herts
United Kingdom
T 0044 1923 249911
F 0044 1923 236879
enquiry@trendm.co.uk
www.trend-uk.com

1.4. Emergency telephone number

Emergency number : 001 813 348 0585 (Chem-Tel)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Eye Irrit. 2B H320 Causes eye irritation.

Full text of H-phrases: see Section 16

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP] GHS**

The product is classified and labelled according to the Global Harmonized System (GHS)

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning!
Hazardous ingredients : C12-15 Alcohols Ethoxylate
Hazard statements (CLP) : H320 - Causes eye irritation.
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
: P102 - Keep out of reach of children.
: P103 - Read label before use.
: P264 - Wash hands, forearms and face thoroughly after handling.
: P280 - Wear protective gloves, eye protection.
: P351 + P351 + P338 - IF IN EYES. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
: P337 + P313 - If eye irritation persists: Get Medical advice/attention.
: P405 - Store locked up.
: P501 - Dispose of contents/container in a safe manner in accordance with local, regional, national and/or international regulation.

Unknown acute toxicity : 0 percent of the mixture consists of ingredient(s) of unknown toxicity.

2.3. Other hazards

No additional information available.

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

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3.2. Mixture

Mixture of substances listed below with non-hazardous additions.

Name	Product identifier	Concentration	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	85.5 - 90%	Not classified
Alcohols, C12-15, ethoxylate	(CAS No) 68131-39-5 (EC no) 500-195-7	2 - 12%	Eye Dam.1, H318  Aquatic Acute 1, H400  Skin Irrit.2, H315 
Sodium carbonate	(CAS No) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2	≤ 2.5%	Eye Irrit. 2, H319 

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general

: 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 a copy of label and SDS to health professional with contaminated individual.

First-aid measures after inhalation

: Supply fresh air; consult doctor in case of complaints.

First-aid measures after skin contact

: Generally the product does not irritate the skin.

First-aid measures after eye contact

: Rinse opened eye for at least 15 minutes under running water. If symptoms persist consult a doctor.

First-aid measures after ingestion

: Rinse out mouth and then drink plenty of water. Call a doctor if irritation or symptoms develop.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media

: No information available.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

Firefighting instructions

: Isolate materials not yet involved in the fire and protect personnel. Move containers from fire 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.

Protection during firefighting

: As in any fire, wear self-contained breathing apparatus pressure-demand (EN/NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures

: Personnel should be trained for spill response operations. Contain spill if safe to do so.

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6.1.2. For emergency responders

Protective equipment : Not required.
Emergency procedures : Not required.

6.2. Environmental precautions

Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb with liquid-binding material (ie sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material according to regulations.

6.4. Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : No special precautions are necessary if used correctly.
Hygiene measures : Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.
Storage conditions : Store containers in a cool, dry location. Keep in original container. Keep container closed when not in use.

Incompatible products : Store away from strong acids or oxidizers.
Incompatible materials : No further information available.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure Limit Values

Components with occupational exposure limits:

The product does not contain any relevant quantities of materials with critical values that have been monitored at the workplace.

Additional information

The lists that were valid during the creation where used as a basis.

8.2. Exposure controls

Personal protective equipment: : Avoid all unnecessary exposure. Gloves. Protective goggles.
Hand protection : Wear protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.
Select glove material based on penetration times, rates of diffusion and degradation.
Material of gloves : The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material : The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.
Eye protection : Chemical goggles (tightly sealed) or face shield.

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Other information

: Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	: Liquid.
Appearance	: Clear liquid.
Colour	: Clear.
Odour	: Sweetish.
Odour threshold	: Not determined.
p-value @ 20°C (68°F)	: 10.5-11.0
Relative evaporation rate	: Not determined.
Melting point	: Not determined.
Freezing point	: Not determined.
Boiling point/boiling range	: 104°C (219°F)
Flash point	: Not applicable.
Auto igniting	: Product is not self igniting.
Ignition temperature/Decomposition temperature	: Not determined.
Flammability (solid, gas)	: Not applicable.
Vapour pressure @ 20°C (68°F)	: 23 hPa (17mm Hg)
Relative vapour density	: Not determined.
Relative density	: Not determined.
Density @ 20°C (68°F)	: 1.02 g/cm ³ (8.512 lbs/gal)
Solubility	: Fully miscible in water.
Partition coefficient (n-octanol/water) Log Pow	: Not determined.
Viscosity, kinematic	: Not determined.
Viscosity, dynamic	: Not determined.
Explosive properties	: Product does not present an explosion hazard.
Oxidising properties	: Not determined.
Explosive limits, lower	: 0.0 Vol %
Explosive limits, upper	: 0.0 Vol %
Solvent content, organic solvents	: 0.0%
Solvent content, water	: 90.0%
Solvent content	: 2.0%

9.2. Other information

No further information available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No further relevant information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Will not polymerize.

10.5. Incompatible materials

Strong acids and strong oxidizing agents.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

Thermal decomposition/conditions to be avoided

No decomposition if used according to specifications.

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SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity

Primary irritant effect

Skin corrosion/irritation

: No irritating effect.

Serious eye damage/irritation

: Irritating effect.

: Causes serious eye irritation.

Additional toxicological information.

The product shows the following dangers according to internally approved calculating method for preparations : Irritant

Carcinogenicity categories

IARC (International Agency for Research on Cancer)

Group1 - Carcinogenic to humans.

Group 2A - Probably carcinogenic to humans.

Group 2B - Possible carcinogenic to humans.

Group 3 - Not classifiable as its carcinogenicity to humans.

Group 4 - Probably not carcinogenic to humans.

NTP (National Toxicology Program)

None of the ingredients are listed.

OSHS-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

SECTION 12: Ecological information**12.1. Toxicity**

Aquatic toxicity

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

PVT: not applicable.

vPvB: not applicable.

12.6. Other adverse effects

Additional information

: Avoid release to the environment. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations.
Dispose of contents/container in a safe manner in accordance with local/national regulations.

Ecology - waste materials

: Avoid release to the environment.

Uncleaned packagings

Recommendation

: Disposal must be made according to official regulations.

Recommended cleansing agent

: Water, if necessary with cleansing agent.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

14.1. UN number

UN-No

: Non-regulated material.

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UN-No.(IATA) : Non-regulated material.
UN-No. (IMDG) : Non-regulated material.

14.2. UN proper shipping name

Proper Shipping Name : Non-regulated material.
Transport document description : Non-regulated material.

14.3. Transport hazard class(es)

Class (UN) : Not applicable.
Class (IATA) : Not applicable.
Class (IMDG) : Not applicable.
Hazard labels (UN) : Not applicable.

14.4. Packing group

Packing group (UN) : Non-regulated material.

14.5. Environmental hazards

Marine pollutant : No
Other information : No supplementary information available.

14.6. Special precautions for user**14.6.1. Overland transport**

Hazard identification number (Kemler No.) : Not applicable.
Classification code (UN) : Not applicable.
Orange plates : Not applicable.
Special provision (ADR) : Not applicable.
Transport category (ADR) : Not applicable.
Tunnel restriction code : Not applicable.
Limited quantities (ADR) : Not applicable.
Excepted quantities (ADR) : Not applicable.
EAC code : Not applicable.

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15 : Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Sara**

Section 355 (extremely hazardous substances) : None of the ingredients are listed.
Section 313 (Specific toxic chemical listings) : None of the ingredients are listed.

TSCA (Toxic Substances Control Act)

: All ingredients are listed.

Proposition 65

Chemicals known to cause cancer : None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females : None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males : None of the ingredients are listed.
Chemicals known to cause developmental toxicity : None of the ingredients are listed.

Carcinogenic categories

EPA (Environmental Protection Agency) : None of the ingredients are listed.
TLV (Threshold Limit Value established by ACGIH) : None of the ingredients are listed.
NIOSH-Ca (National Institute for Occupational Safety and Health) : None of the ingredients are listed.

GHS label elements : The product is classified and labeled according to the Globally Harmonized System (GHS).

15.1.1. EU-Regulations

No REACH Annex XVII restrictions.
Contains no REACH candidate substance.

15.1.2. National regulations

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The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

State Right to Know

(CAS No) 68131-39-5	Alcohols, C12-15, ethoxylate  Eye Dam.1, H318;  Aquatic Acute 1, H400;  Skin Irrit.2, H315	2 - 12 %
(CAS No) 497-19-8	Sodium carbonate  Eye Irrit. 2, H319	≤ 2.5 %
(CAS No) 7732-18-5 RTECS: ZC 0110000	Water, distilled, conductivity or of similar purity	85.5-90 %

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

User notes	: Sections revised 3,5,8,9,11,13,15,16 Revision due to material specification change
Data sources	: Regulation (EC) No. 1272/2008 Classification. This mixture has been classified using methods as described in Article 9(4) of Regulations (EC) No.1272/2008.
Other information	: Suppliers own data sheet (Sutherland Products Inc.), issued 02/02/2015, revision date 02/02/2015, revision 03. Suppliers original SDS created by MSDS Authoring Services.
Classification system	: NFPA ratings (scale 0 - 4)



Health = 1
Fire = 0
Reactivity = 0

: **HMIS-ratings (scale 0 - 4)**



Health = 1
Fire = 0
Reactivity = 0

Full text of H- and EUH-phrases:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Eye Irrit. 2B	Serious eye damage/eye irritation, Hazard Category 2B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
ADN	The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG	International Maritime Code for Dangerous Goods
DOT	US Department of Transportation
IATA	International Air Transport Association
ACGIH	American Conference of Governmental Industrial Hygienists
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
NFPA	National Fire Protection Association (USA)
HMIS	Hazardous Materials Identification System (USA)

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.