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Replaces version 9.3
dated: 14th June 2019

Version: 10

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

Product form : Mixture
Product name : Teclam Type O Lubricant Blue
Product code : DWS/LF/100, DWS/LF/250, DWS/LF/500, Teclam Type O Lubricant Blue

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

Industrial/Professional use spec : (SU3) Industrial uses. Uses of substances as such or in preparations at industrial sites; (PC25) Metal working fluids; (PROC21) Low energy manipulation of substances bound in materials and/or articles. Industrial grinding and polishing.

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
Hertfordshire
United Kingdom
T 0044 1923 249911
F 0044 1923 236879
technical@trendm.co.uk

www.trend-uk.com**1.4. Emergency telephone number**

Emergency number : 00(44)1732 824829 Lam Plan Industries Ltd
Only available during office hours 8am to 6pm Monday to Friday UK time

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****2.1.1. Classification 1999/45/EC**

Xn; R65, R66 - Symbols: Xn: Harmful : Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

2.1.2. Classification according to Regulation (EC) No. 1272/2008

Aspiration Toxicant - Category 1 : H304 - May be fatal if swallowed and enters airways.

2.2. Label elements

Hazard pictograms :



Signal word (GHS) :

: Danger

Hazard phrases (GHS) :

: H304 - May be fatal if swallowed and enters airways.
: EUH066 - Repeated exposure may cause skin dryness or cracking.
: 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.

Precautionary phrases (GHS) :

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
: P271 - Use only outdoors or in a well-ventilated area.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Response phrases (GHS) : P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P331 - Do NOT induce vomiting.
P370 + P378 - In case of fire: Use extinguishing media appropriate for the surrounding fire conditions. Do not use high volume water jets.

Storage and disposal phrases (GHS) : P403 + P235 - Store in a well ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container in a safe manner in accordance with local, regional, national and/or international regulations.

2.3 Other hazards

2.3.1 Inhalation : May cause respiratory irritation.

2.3.2 Skin contact : May cause skin irritation. Prolonged or repeated skin contact may cause dermatitis.

2.3.3 Eye contact : May cause eye irritation.

2.3.4 Ingestion : May be fatal if swallowed and enters airways.

Additional Information : EUH statements are considered Supplemental Hazard Statements which are required by the EU CLP registration only, and are not applicable/required in countries outside of Europe.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	Concentration	Classification according to Directive 67/548/EEC/1994/45/EC
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	(EC No) 926-141-6 (CAS No) 64742-48-9	80-90%	Xn, R65 R66
Name	Product identifier	Concentration	Classification according to Regulation (EC) No.
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	(EC No) 926-141-6 (CAS No) 64742-48-9 REACH No 01-2119456620-43XXXX	80-90%	Asp. Tox - Cat.1 H304 EUH066

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove individual to fresh air.

First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

First-aid measures after skin contact : Wash thoroughly with soap and water. Remove contaminated clothing

First-aid measures after ingestion : DO NOT INDUCE VOMITING.

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

Inhalation : Harmful: may cause long damage if swallowed. Inhalation may cause coughing, tightness of the chest and irritation to the respiratory system.

Eye contact : May cause irritation to eyes.

Skin contact : May cause irritation to skin.

Ingestion : Ingestion may cause nausea and vomiting.

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

Inhalation : Seek medical attention.

Eye contact : Seek medical attention.

Skin contact : Seek medical attention if irritation or symptoms persist.

Ingestion : Seek medical attention.

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for the surrounding fire conditions. Do not use high volume water jets.

5.2. Special hazards arising from the substance or mixture

Flammable properties and hazards : Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for fire-fighters

Fire fighting instructions : Wear self-contained breathing apparatus and protective clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Prevent liquid from entering sewers, water courses or low areas.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and disposing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

7.3. Specific end use(s)

Specific end use(s) : See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control Parameters

Occupational exposure controls

8.2. Exposure controls

8.2.1 Engineering controls : Ensure adequate ventilation of the working area.
8.2.2 Personal protective equipment:
Hand protection : Wear protective clothing.
Eye protection : Wear protective gloves.
Skin and body protection : Wear approved safety goggles.
Respiratory protection (specific type) : Wear appropriate protective clothing to prevent skin exposure.
Occupational exposure controls : Wear suitable respiratory equipment when necessary.
: Keep away from food, drink and animal feeding stuffs.



Other information : Do not eat or drink during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid.
Appearance : Thin fluid.
Colour : Blue.
Odour : Characteristic.
Odour threshold : No data available.
Evaporation rate : No data available.
Melting point : No data available.
Initial boiling point : 180-270°C
Flash point (ASTM D Closed Cup) : >70°C
Auto ignition point : 338° C (640° F)
Decomposition temperature : Not applicable.
Flammability (solid, gas) : No data available.
Upper exposure limit : 7%

Lower exposure limit	: 0.60%
Vapour pressure (vs. air or mm Hg)	: <1 Pa
Vapour density (vs. Air=1)	: No data available.
Relative density	: No data available.
Solubility in water	: Miscible in water
Fat solubility	: No data available.
Viscosity	: 2 CPS @20°C
Explosive properties	: No data available
Oxidising properties	: No data available.
Partition coefficient	: No data available.

9.2. Other information

Conductivity	: No data available
Surface tension	: No data available
Specific gravity	: 0.771 - 0.871 g/cm ³
Pour point	: < 20°C
Gas group	: No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

No data is available on this product

10.4 Conditions to avoid - instability

No data is available on this product

10.5. Materials to avoid - incompatibility

No data is available on this product

10.6. Hazardous decomposition of by-products

No data is available on this product

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Harmful if swallowed or
Skin corrosion/irritation	: May cause irritation to skin.
Serious eye damage/irritation	: May cause irritation to eyes.

11.1.2. Mixtures

No data is available on this product

11.1.3. Hazard information

No data is available on this product

11.1.4. Toxicological information

No data available

11.1.5. Hazard class

No data is available on this product

11.1.6. Classification criteria

No data available

11.1.7. Information on likely routes of exposure

No data available

11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

No data available

11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data is available on this product

11.1.10. Interactive effects

No data is available on this product

11.1.11. Absence of specific data

No data available

11.1.12. Mixture versus substance information

No data available

11.1.13. Other information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product

12.3. Bio accumulative potential

No data is available on this product

Partition coefficient

Teclam Type O Lubricant Blue : No data available

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics : No data available

12.4. Mobility in soil

No data is available on this product

12.5. Results of PBT and vPvB assessment

No data is available on this product

12.6. Other adverse effects

No data is available on this product

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal method : Dispose of in compliance with all local and national regulations

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

No data is available on this product

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

The product is not classified as dangerous for carriage.

No data is available on this product

SECTION 15 : Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) no. 1907/2006

15.2. Chemical safety assessment

No data available on this product

SECTION 16: Other information

User notes : Sections revised 1 to 16
: Specification change

Data sources : REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1994/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EEC and 2000/21/EC.

: COMMISSION REGULATION (EU) No 453/2010 of May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1994/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Directives

Other information : Suppliers own data sheet (Lamplan, issued 2020-01-15, revision 4)

Trend SDS reference : LEAF/HS/DWSLF

Full text of R-, H- and EUH-phrases:

R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
Asp. Tox. 1	Aspiration hazard, Category 1
H304	Asp. Tox. 1:H304 - May be fatal if swallowed and enters airways.
EUH066	Repeated exposure may cause skin dryness or cracking.

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.