



# Gloucestershire Warwickshire Steam Railway Plc

## Tetrosyl Standard Thinners

### COSHH Assessment Details

<b>Assessment Id:</b>	COSHH-45281-82	<b>Lead Assessor:</b>	Kevin Jarvis
<b>Version No:</b>	1	<b>Published Date:</b>	21 December 2023
<b>Status:</b>	Active	<b>Review Date:</b>	21 December 2026
<b>Assessment Date:</b>	21 December 2023	<b>Approved By:</b>	Kevin 'Kev' Jarvis

### Substance Details

<b>Substance Name:</b>	Tetrosyl Standard Thinners	<b>Substance Use:</b>	Thinning paints and cleaning brushes.
<b>Manufacturer</b>	Tetrosyl Ltd	<b>Emergency Tel No:</b>	0161 7645981
<b>Address:</b>	Bury Lancashire BL9 7NY		
<b>Form Of Substance:</b>	Liquid, Mist, Vapour,	<b>Routes of Exposure</b>	Inhalation, Skin, Ingestion, Eyes,
<b>Storage and Handling</b>	Store in manufacturers container in a COSHH cupboard		

### Exposure Limits

WEL: 191 mg/m<sup>3</sup>      LEL: Unknown      SEL: 384 mg/m<sup>3</sup>

### Substance Classifications



Harmful



Corrosive



Serious long term health hazard



Flammable



Dangerous to the environment

### Health Phrases

H225 - Highly flammable liquid and vapour.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H361 - Suspected of damaging fertility or the unborn child <state specific effect if known>

H336 - May cause drowsiness or dizziness.

H373 - May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure.

H304 - May be fatal if swallowed and enters airways.

H411 - Toxic to aquatic life with long lasting effects.

### Precautionary Phrases

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P201 - Obtain special instructions before use.



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P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P240 - Ground and bond container and receiving equipment.  
P241 - Use explosion-proof equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/999  
P303 + P361 + P3 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P3 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 - IF exposed or concerned: Get medical advice/attention.  
P331 - Do NOT induce vomiting.  
P332 + P313 - If skin irritation occurs: Get medical advice/attention.  
P362 - Take off contaminated clothing.  
P370 + P378 - In case of fire: Use... to extinguish.  
P391 - Collect spillage.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container via an approved disposal route

### Required Personal Protection Equipment (PPE)



Gloves



Overalls



Goggles

### Control Measures

#### Current:

- Administrative - Follow manufacturers advice. - Effective

#### Potential:

- Engineering - Consider fume extraction - Effective
- PPE - Consider wearing a mask - Effective

Score Notes: Risk remains the same.

### Assessment Score

#### Liklihood of Harm:

2) Low probability – seldom/once every 5 years

#### Severity of Harm:

2) Injury – up to 7 days lost time days lost time

#### Overall:

Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.



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### Reference Documents

Tetrosyl Thinners Safety Data Sheet - MSDS

### Appendix



**Reference: UI-45281-455**

Tetrosyl picture -