



Unit 3 & 4  
Harrison Drive Ind Est  
Worksop, Nottinghamshire  
UK, S81 9RL

t. 01909 730900  
f. 01909 730909  
e. [info@newtechlubes.com](mailto:info@newtechlubes.com)  
w. [www.newtechlubes.com](http://www.newtechlubes.com)


@newtechlubes.com

## CITRO TECH

### SECTION 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY/UNDERTAKING

- 1.1 **Product name:** Product Name  
1.2 **Identified uses:** Detergent Solution  
**Uses(s) advised against:** None known  
1.3 **Details of supplier of SDS:** New Tech Lubes Ltd, Unit 2-4 Harrison Drive Ind Est, Worksop Notts, S81 9RL  
**E Mail (competent person):** [info@newtechlubes.com](mailto:info@newtechlubes.com)  
1.4 **Emergency telephone:** +44 (0)1909 730900 (08.00 -16.00 GMT Monday to Friday)

### SECTION 2. HAZARDS IDENTIFICATION

- 2.1 **Classification of the substance/mixture:**  
Classification under CLP: Skin Sens. 1: H317; Eye Dam. 1: H318; Aquatic Chronic 3: H412
- 2.2 **Label elements:**  
Hazard pictograms:  
  
Signal words: Danger  
Hazard statements: H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.  
H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements: P102: Keep out of reach of children.  
P260: Do not breathe dust/fume/gas/mist/vapours/spray  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P363: Wash contaminated clothing before reuse.  
P501: Dispose of contents to hazardous waste.
- 2.3 **Other hazards:** The mixture does not contain any vPvB or PBT substances.

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Substance:** N/A

3.2 **Mixture:**

Name	Identifiers	%	Classification
2-Butoxyethanol	CAS No: 111-76-2	1-10	Acute Tox. 4: H302

	EC No: 203-905-0 REACH No: 01-2119475108-36-xxxx		Acute Tox. 4: H312 Skin Irrit. 2: H315 Eye Irrit. 2: H319 Acute Tox. 4: H332
Quaternary Ammonium Compounds, C12-14-Alkyltrimethyl, ME sulfates	CAS No: 96690-44-7 EC No: 306-238-4 REACH No: 01-2120770734-48-xxxx	1-10	Acute Tox. 4: H302 Acute Tox. 3: H311 Skin Irrit. 2: H315 Eye Irrit. 2: H319 Aquatic Acute 1: H400 Aquatic Chronic 1: H410
Alcohol Ethoxylate	CAS No: 68439-46-3	1-10	Acute Tox. 4: H302; Eye Dam. 1: H318
Hydrocarbon, C11-C14, n-Alkanes, Isoalkanes	CAS No: 64742-47-8 REACH No: 01-2119456620-43-xxxx	1-10	Asp. Tox. 1: H304
Citrus dulcis	CAS No: 68647-72-3 REACH No: 01-2119493353-35-0004	0.5-1	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Skin Sens. 1: H317; Skin Irrit. 2: H315

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation: Move the exposed person to fresh air.

Eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

Skin contact: Wash off immediately with plenty of soap and water. Remove contaminated clothing.

Ingestion: DO NOT INDUCE VOMITING.

### 4.2 Most important symptoms and effects, both acute and delayed:

Inhalation: May cause coughing, tightness of the chest and irritation of the respiratory system.

Eye contact: May cause serious eye damage

Skin contact: May cause irritation to skin.

Ingestion: May cause nausea and vomiting.

### 4.3 Indication of any immediate medical attention and special treatment needed:

Inhalation: If you feel unwell, seek medical advice (show the label where possible).

Eye contact: Seek medical attention.

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

Ingestion: If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5. FIRE FIGHTING MEASURES

**5.1 Extinguishing media:** Use extinguishing media appropriate to the surrounding fire conditions.

**5.2 Special hazards arising from the substance or mixture:** Burning produces irritating, toxic and obnoxious fumes.

**5.3 Advice for firefighters:** 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:** Do not allow product to enter drains. Prevent further spillage if safe.

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

**6.4 Reference to other sections:** For PPE and disposal see sections 8 and 13 respectively.

## SECTION 7. HANDLING AND STORAGE

**7.1 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 dispensing.

**7.2 Conditions for safe storage, including any incompatibilities:** Keep containers tightly closed. Keep in a cool, dry, well-ventilated area. Store in correctly labelled containers.

**7.3 Specific end use(s):** The identified use(s) for this product are detailed in Section 1.2.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

### 8.1 Control parameters:

Components	CAS-No.	8-hour TWA	15 min. STEL	Basis
2-Butoxyethanol	111-76-2	25 ppm	50 ppm	UK EH40 WEL
Citrus Dulcis	68647-72-3	100 ppm	150 ppm	Manuf. data
Hydrocarbon, C11-C14, n-Alkanes, Isoalkanes	64742-47-8	171ppm		Manuf. data

### 8.2 Exposure controls

Appropriate engineering controls: Ensure adequate ventilation of the working area.

Personal protective equipment:

Eye/face protection: Approved safety goggles.

Hand protection: Wear suitable gloves.

Skin protection: Wear suitable protective clothing.

Respiratory protection: Wear suitable respiratory equipment when necessary.

Occupational exposure controls: Keep away from food, drink and animal feeding stuffs.

Environmental exposure controls: See sections 6, 12, 13.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance: Liquid

Colour: Colourless/orange

Odour: Characteristic

Odour threshold: Not determined.

pH-value at 20°C:  $7.0 \pm 1.0$

Melting point: Not determined.

Boiling point: Not determined.

Flash point: Not determined.

Flammability (solid, gaseous): Not applicable.

Auto-ignition temperature: Not determined.

Decomposition temperature: Not determined.

Self-igniting: Not determined.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits: Not determined.

Vapour pressure: Not determined.

Density at 20°C:  $1.010 \pm 0.02 \text{ g/cm}^3$

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Particle characteristics: Not applicable.

Solubility in/Miscibility with water: Fully miscible.

Oxidizing properties: Not determined.

Partition coefficient (n-octanol/water): Not determined.

Viscosity – dynamic at 20°C: Not determined.

Viscosity – kinematic: Not determined.

### 9.2 Other information:

Conductivity: No data available.

Surface tension: No data available.

Gas group: No data available.

## SECTION 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** No dangerous reactions known under normal conditions of use.

**10.2 Chemical stability:** Stable under proper storage and handling conditions.

**10.3 Possibility of hazardous reactions:** No dangerous reactions known.

**10.4 Conditions to avoid:** Heat, flame and other ignition sources.

**10.5 Incompatible materials:** Strong bases. Strong alkalis. Strong oxidising agents.

**10.6 Hazardous decomposition products:** In combustion produces irritating, toxic and obnoxious fumes.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

Acute toxicity: Based on available data, the classification criteria are not met.

Primary irritant effect:

Skin corrosion/irritation: May cause irritation to skin.

Serious eye damage/irritation: May cause irritation to eyes.

Respiratory or skin sensitisation: May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity: Based on available data; the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data; the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data; the classification criteria are not met.

## SECTION 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** No further relevant information available.

**12.2 Persistence and degradability:** No further relevant information available.

**12.3 Bio-accumulative potential:** Not expected to bio-accumulate.

**12.4 Mobility in soil:** No further relevant information available.

**12.5 Results of PBT and vPvB assessment:** Not applicable.

**12.6 Other adverse effects:** No further relevant information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:** Dispose of in accordance with local and national regulations.

## SECTION 14. TRANSPORT INFORMATION

**14.1 UN number:** Not classified

**14.2 UN proper shipping name:** Not classified

**14.3 Transport hazard class:** Not classified

**14.4 Packing group:** None

**14.5 Environmental hazards:** Not applicable

**14.6 Special precautions for user:** Not applicable

**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:

Regulations: COMMISSION REGULATION (EU) Regulation 2015/830 (EU) No 453/2010 of 20 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 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

**15.2 Chemical safety assessment:** No data is available on this product.

## SECTION 16. OTHER INFORMATION

**Classification methods used to derive classification of mixture:** Classification according to calculation procedure detailed in EC1272/2008

**Hazard statements in full:**

H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H410: Very toxic to aquatic life with long lasting effects.  
H411: Toxic to aquatic life with long lasting effects.  
EUH066: Repeated exposure may cause skin dryness or cracking.

**Legend:**

LTEL: Long term exposure limit  
STEL (SE): Short term exposure limit (Single exposure)  
STOT: Specific target organ toxicity  
PNEC: Predicted no effect concentration  
DNEL: Derived no effect level

**Additional information:** This safety data sheet has been produced based on information supplied by the manufacturers of the materials therein and is believed to be accurate. No warranty is expressed or implied by this information. It is for the user to satisfy themselves of the suitability of the product for their own purposes.