



SAFETY DATA SHEET

According to EC Regulations 1907/2006 & 1272/2008

NTL SDS 053 - 1.0

November 2015

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

t. 01909 730900
f. 01909 730909
e. info@newtechlubes.com
w. 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.
1.3 Details of supplier of SDS: New Tech Lubes Ltd, Unit 3 Harrison Drive Ind Est, Worksop Notts, S81 9RL
E Mail (competent person) info@newtechlubes.com
1.4 Emergency Telephone: +44 (0)1909 730900 (09.00 -17.00 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;

Label elements under CLP:

Hazard statements: Skin Sens. 1: H317 - May cause an allergic skin reaction.
Eye Dam. 1: H318 - Causes serious eye damage.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Signal words: Danger



Hazard pictograms:

Precautionary statements: P102: Keep out of reach of children.
P260: Do not breathe dust/fume/gas/mist/vapours/spray
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.
P273 - Avoid release to the environment.
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

3.2 Mixture:

Chemical name	CAS-No.	EC No.	REACH Registration No.	Conc.	Classification (%w/w)
2-Butoxyethanol	111-76-2	203-905-0		1 – 10	Xn; R20/21/22 Xi; R36/38 Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;
Cationic Surfactant	68989-03-7			1 – 10	Xi: R36/38; N: R51/53 Eye irr. 2: H319; Skin irr. 2: H315;
Nonionic Surfactant	68439-46-3			1 – 10	Xn: R22; Xi: R41 Acute Tox. 4: H302; Eye Dam. 1: H318
Hydrocarbon C11-C14,	64742-47-8		01-2119456620-43-xxxx	1 – 10	Xn: R65 n.Alkanes, Isoalkanes Asp. Tox. 1: H304;
Citrus Dulcis	68647-72-3		01-2119493353-35-0004	0.5 – 1	-: R10; Xi: R38; Sens.: R43; N: R51/53; Xn: R65 Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Skin Sens. 1: H317; Skin Irrit. 2: H315

3.3 Additional information

N/A

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: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
- Eye contact: Irritating 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: 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

See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information.

See section 13. DISPOSAL CONSIDERATIONS for further information.

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)

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

Components	CAS-No.	8 hour TWA	15 min. STEL	Basis
2-Butoxyethanol	111-76-2	25 ppm	50 ppm	UK EH40 WEL

8.2 Exposure controls

8.2.1 Appropriate engineering controls: Ensure good ventilation /local exhaust ventilation to keep airborne contaminants below exposure limits.

8.2.2 Personal protective equipment:



Eye / face protection: Safety goggles/glasses if there is a risk of eye contact.

Skin protection: PVC gloves

Respiratory protection: Not required under normal circumstances.

Thermal hazards: Not applicable

8.2.3 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 ± 0.5
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:	1.020 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
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.
Kinematic:	Not determined.

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 chemical reactions

No dangerous reactions known.

10.4 Conditions to avoid

Heat, flame and other ignition sources.

10.5 Incompatible materials

Avoid contact with strong oxidising agents

10.6 Hazardous decomposition products

Combustion will generate: smoke, carbon dioxide and carbon monoxide

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin corrosion/irritation May cause irritation to skin.

Serious eye damage/irritation May cause irritation to eyes.

11.1.4. Toxicological Information

Acute toxicity: Not determined.

SECTION 12 ECOLOGICAL INFORMATION:

12.1 Toxicity

Not determined.

12.2 Persistence and degradability

No data is available on this product.

12.3 Bioaccumulative potential

No data is available on this product.

Partition coefficient 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

Dispose in a regulated landfill site or other method for hazardous or toxic waste. 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	Non Classified
ADR Classification code	Non Classified
14.4 Packing group	None
14.5 Environmental hazards	Not applicable

SECTION 15. REGULATORY INFORMATION:

Hazard Symbols: No Significant Hazard

R Phrases : None

S Phrases: None

SECTION 16. OTHER INFORMATION:

Text of Hazard Statements in Section 3

Acute Tox. 4: H302	Harmful if swallowed.
Acute Tox. 4: H312	Harmful in contact with skin.
Skin Irrit. 2: H315	Causes skin irritation.
Eye Irrit. 2: H319	Causes serious eye irritation.
Acute Tox. 4: H332	Harmful if inhaled.
Eye Dam. 1: H318	Causes serious eye damage.
Aquatic Chronic 2: H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
Asp. Tox. 1: H304	May be fatal if swallowed and enters airways.
Flam. Liq. 3: H226	Flammable liquid and vapour.
Skin Sens. 1: H317	May cause an allergic skin reaction.
Aquatic Chronic 1: H410	Very toxic to aquatic life with long lasting effects.

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

Classification methods used to derive classification of mixture

Classification according to calculation procedure detailed in EC1272/2008

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.