



## SAFETY DATA SHEET

### ULTRACLENS

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME** ULTRACLENS

**PRODUCT NO.** EULC200/400D

**APPLICATION** Cleaning Product

**SUPPLIER** ELECTROLUBE. A division of  
HK WENTWORTH LTD  
KINGSBURY PARK, MIDLAND  
ROAD  
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DERBYSHIRE, DE11 0AN  
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+44(0)1283 222 111  
+44(0)1283 550 177  
info@hkw.co.uk

**EMERGENCY TELEPHONE** +44(0)1283 222 111 between 8.30 am - 5.00pm Mon - Fri

#### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
C9-C12 Iso alkanes	292-459-0	90622-57-4	30-60%	Xn;R65. R66.
C11-C15 Iso alkanes	292-460-6	90622-58-5	30-60%	Xn;R65.
3-BUTOXYPROPAN-2-OL	225-878-4	5131-66-8	10-30%	Xi;R36/38

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

#### 4 FIRST-AID MEASURES

##### NOTES TO THE PHYSICIAN

Treat symptomatically

##### INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

##### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly.

##### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

##### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

## ULTRACLENS

### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
C11-C15 Iso alkanes	WEL	175 ppm	1200 mg/m3			

WEL = Workplace Exposure Limit.

### ENGINEERING MEASURES

No particular ventilation requirements.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol Liquid		
COLOUR	Colourless		
ODOUR	Characteristic		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	173 - 193	MELTING POINT (°C)	-50
RELATIVE DENSITY	0.790 @ 25 °c	VAPOUR PRESSURE	0.5 kPa @ 38 °c
FLASH POINT (°C)	>60	AUTO IGNITION	> 750
FLAMMABILITY LIMIT - LOWER(%)	0.6	TEMPERATURE (°C)	
		FLAMMABILITY LIMIT - UPPER(%)	7

## 10 STABILITY AND REACTIVITY

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO2).

## 11 TOXICOLOGICAL INFORMATION

### GENERAL INFORMATION

No specific health warnings noted.

### INHALATION

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

## ULTRACLENS

### Other Health Effects

This substance has no evidence of carcinogenic properties.

<b>Name</b>	3-BUTOXYPROPAN-2-OL
<b>Toxic Dose 1 - LD 50</b>	2612-5500 mg/kg (oral rat)

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Not regarded as dangerous for the environment.

<b>Name</b>	3-BUTOXYPROPAN-2-OL
<b>LC 50, 96 Hrs, FISH mg/l</b>	560-1000
<b>EC 50, 48 Hrs, DAPHNIA, mg/l</b>	>1000

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

### 14 TRANSPORT INFORMATION



<b>UK ROAD CLASS</b>	2		
<b>PROPER SHIPPING NAME</b>	AEROSOLS		
<b>UN NO. ROAD</b>	1950	<b>UK ROAD PACK GR.</b>	N/A
<b>ADR CLASS NO.</b>	2	<b>ADR CLASS</b>	Class 2: Gases
<b>ADR PACK GROUP</b>	N/A	<b>ADR LABEL NO.</b>	2.2
<b>CEFIC TEC(R) NO.</b>	20G5A,	<b>RID CLASS NO.</b>	2
<b>RID PACK GROUP</b>	N/A	<b>UN NO. SEA</b>	1950
<b>IMDG CLASS</b>	2.2	<b>IMDG PAGE NO.</b>	9022
<b>IMDG PACK GR.</b>	N/A	<b>EMS</b>	F-D, S-U
<b>MFAG</b>	See Guide	<b>MARINE POLLUTANT</b>	No.
<b>UN NO. AIR</b>	1950	<b>AIR CLASS</b>	2.2
<b>AIR PACK GR.</b>	N/A		

### 15 REGULATORY INFORMATION

#### RISK PHRASES

NC Not classified.

#### SAFETY PHRASES

A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

A2 Do not spray on a naked flame or any incandescent material.

S2 Keep out of the reach of children

S23 Do not breathe vapour/spray.

#### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

The Control of Substances Hazardous to Health Regulations 1988.

#### ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

## ULTRACLENS

### EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Dangerous Preparations Directive 1999/45/EC.

Dangerous Substance Directive 67/548/EEC.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

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 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, including amendments.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

### REVISION COMMENTS

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

### ISSUED BY

Helen O'Reilly

### REVISION DATE

SEPTEMBER 2008

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### RISK PHRASES IN FULL

R36/38

Irritating to eyes and skin.

R65

Harmful: may cause lung damage if swallowed.

R66

Repeated exposure may cause skin dryness or cracking.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



## SAFETY DATA SHEET

### ULTRACLENS

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME** ULTRACLENS

**PRODUCT NO.** EULC05L/ 25L

**APPLICATION** Cleaning Product

**SUPPLIER** ELECTROLUBE. A division of  
HK WENTWORTH LTD  
KINGSBURY PARK, MIDLAND  
ROAD  
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DERBYSHIRE, DE11 0AN  
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**EMERGENCY TELEPHONE** +44(0)1283 222 111 between 8.30 am - 5.00pm Mon - Fri

#### 2 HAZARDS IDENTIFICATION

Repeated exposure may cause skin dryness or cracking.

Harmful: may cause lung damage if swallowed.

**CLASSIFICATION** Xn;R65. R66.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
C11-C15 Iso alkanes	292-460-6	90622-58-5	30-60%	Xn;R65.
C9-C12 Iso alkanes	292-459-0	90622-57-4	30-60%	Xn;R65. R66.
3-BUTOXYPROPAN-2-OL	225-878-4	5131-66-8	10-30%	Xi;R36/38

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

#### 4 FIRST-AID MEASURES

##### NOTES TO THE PHYSICIAN

Treat symptomatically

##### INHALATION

Move the exposed person to fresh air at once. Provide rest, warmth and fresh air.

##### INGESTION

DO NOT INDUCE VOMITING! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately!

##### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

##### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

#### 5 FIRE-FIGHTING MEASURES

## ULTRACLENS

### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### 6 ACCIDENTAL RELEASE MEASURES

#### SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

#### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
C11-C15 Iso alkanes	WEL	175 ppm	1200 mg/m3			

WEL = Workplace Exposure Limit.

#### PROTECTIVE EQUIPMENT



#### ENGINEERING MEASURES

All handling to take place in well-ventilated area.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

#### HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

#### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

#### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

#### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet.

Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin.

When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	RELATIVE DENSITY	0.790 @ 20 °c
COLOUR	Colourless	FLASH POINT (°C)	>60
ODOUR	Characteristic	FLAMMABILITY LIMIT - LOWER(%)	0.6
BOILING POINT (°C)	>173		
VISCOSITY	1.48 mPas @ 25 °c		
AUTO IGNITION	>200		
TEMPERATURE (°C)			
FLAMMABILITY LIMIT - UPPER(%)	7		

### 10 STABILITY AND REACTIVITY

## ULTRACLENS

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Prolonged inhalation of high concentrations may damage respiratory system.

### INGESTION

Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

### SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

### EYE CONTACT

May cause severe irritation to eyes.

<b>Name</b>	3-BUTOXYPROPAN-2-OL
<b>Toxic Dose 1 - LD 50</b>	2612-5500 mg/kg (oral rat)

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

<b>Name</b>	3-BUTOXYPROPAN-2-OL
<b>LC 50, 96 Hrs, FISH mg/l</b>	560-1000
<b>EC 50, 48 Hrs, DAPHNIA, mg/l</b>	>1000

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

	No transport warning sign required.		
<b>ROAD TRANSPORT NOTES</b>	Not Classified		
<b>RAIL TRANSPORT NOTES</b>	Not Classified.		
<b>SEA TRANSPORT NOTES</b>	Not Classified.		
<b>AIR TRANSPORT NOTES</b>	Not Classified.		
<b>ADR CLASS</b>	Not classified for transportation.	<b>MARINE POLLUTANT</b>	No.

## 15 REGULATORY INFORMATION

### SYMBOLS



Harmful

### CONTAINS

C11-C15 Iso alkanes  
C9-C12 Iso alkanes

### RISK PHRASES

R66 Repeated exposure may cause skin dryness or cracking.  
R65 Harmful: may cause lung damage if swallowed.

## ULTRACLENS

### SAFETY PHRASES

S37	Wear suitable gloves.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

The Control of Substances Hazardous to Health Regulations 1988.

### ENVIRONMENTAL LISTING

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### APPROVED CODE OF PRACTICE

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### GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

### REVISION COMMENTS

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### ISSUED BY

Helen O'Reilly

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### RISK PHRASES IN FULL

R36/38	Irritating to eyes and skin.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

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