



## SAFETY DATA SHEET

### Multiclean

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name Multiclean

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

Identified uses Cleaning agent.

Uses advised against Any use other than those identified.

##### 1.3. Details of the supplier of the safety data sheet

Supplier LTP  
Tone Industrial  
Estate Milverton  
Road Wellington  
Somerset  
TA21 0AN  
Tel: 01823 666213  
Fax: 01823 665685  
info@ltp-online.co.uk

##### 1.4. Emergency telephone number

0870 190 6777

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Eye Irrit. 2 - H319
Environment	Not classified.

Classification (1999/45/EEC) Xi;R36.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16. Human health

Irritating to eyes.

##### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word

Warning

Hazard Statements

H319

Causes serious eye irritation.

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### Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P264	Wash contaminated skin thoroughly after handling.
P305+351+338+313	IF IN EYES: Rinse cautiously with water for several minutes.
	Remove contact lenses if present and easy to do. Continue rinsing until no signs of contamination remain, Get medical advice/attention.
P404	Store in a closed container.
P501	Dispose of contents/container in accordance with local regulations.

### 2.3. Other hazards

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

C7-21 alcohols		1-5%
ethoxylated CAS-No.:	EC No.:	
68439-45-2		
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318		Classification (67/548/EEC) Xi;R38,R41.
SODIUM HYDROXIDE		
		<0.1%
CAS-No.: 1310-73-2	EC No.: 215-185-5	Registration Number:01-2119457892-27-XXXX
Classification (EC 1272/2008) Skin Corr. 1A - H314		Classification (67/548/EEC) C;R35

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Check for contact lenses which must be removed from the eyes before rinsing.

Promptly rinse eyes with plenty of clean water while lifting the eyelids.

Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination. Get medical attention if any discomfort or irritation persists.

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

#### Eye contact

Prolonged contact may cause redness and/or tearing.

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

Treat Symptomatically

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

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

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the

### 5.2. Special hazards arising from the substance or

#### mixture

Hazardous combustion products

If heated, vapours/gases hazardous to health (e.g. CO, NOx, HCl, isocyanates) may be formed.

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## Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

### 5.3. Advice for firefighters

#### Protective equipment for fire-fighters

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing (see Section 8).

### 6.2. Environmental precautions

Cover all drains and sewers. Avoid spreading spilled material.

### 6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, sand, diatomaceous earth or other inert absorbent material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

### 6.4. Reference to other sections

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Wash thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
SODIUM HYDROXIDE	WEL				2 mg/m3	

WEL = Workplace Exposure Limit.

#### Ingredient Comments

WEL = Workplace Exposure Limits

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## SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL				
Industry	Inhalation.	Long Term	Local Effects	1
mg/m3 Consumer	Inhalation.	Long Term	Local Effects	1
		mg/m3		

## tetrasodium EDTA (CAS: 64-02-8)

DNEL				
Industry	Inhalation.	Short Term	Systemic Effects	2.5 mg/m3
Industry	Inhalation	Short	Local Effects	2.5 mg/m3
Consumer	.	Term	Systemic	1.5 mg/m3
Consumer	Inhalation	Short	Effects Local	1.5 mg/m3
Consumer	.	Term	Effects	25
PNEC	Inhalation	Short	Systemic	mg/kg/day
Freshwater	2.2	Term Long	Effects	
Marinewater	0.22	Term		
Intermittent release	1.2	mg/l		
STP	43	mg/l		
Soil	0.72	mg/kg		

## SODIUM NITRILOTRIACETATE (CAS: 5064-31-3)

DNEL				
Industry	Inhalation.	Short Term	Systemic Effects	9.6 mg/m3
Industry	Inhalation	Long Term	Systemic	3.2 mg/m3
Consumer	.	Short	Effects	3.2 mg/m3
Consumer	Inhalation	Term	Systemic	0.9 mg/kg/day
Consumer	. Oral	Short	Effects	0.8 mg/m3
Consumer	Inhalation	Term Long	Systemic	0.3 mg/kg/day
PNEC	. Oral	Term Long	Effects	
Freshwater	0.93	mg/m	Systemic	
Marinewater	0.093	mg/l	Effects	
Intermittent release	0.8	mg/l	Systemic	
STP	270	mg/l	Effects	

## 8.2. Exposure controls

### Engineering measures

Provide adequate general and local exhaust ventilation. Respiratory equipment

If ventilation is insufficient suitable respiratory protection must be provided.

Seek advice and recommendations of the manufacturer or supplier of equipment

### Hand protection

Wear suitable protective gloves conforming to EN 374. Seek recommendations from manufacturer or supplier. After using gloves the hands should be washed and dried thoroughly and a suitable moisturiser applied.

### Eye protection

Wear tightly fitting safety goggles conforming to EN 166.

### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact. Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless.
Odour	Characteristic.
Solubility	Completely soluble in water
Relative density	1.004 @ 20° C
pH-Value, Conc. Solution	11.2

SECTION 10: STABILITY AND REACTIVITY

# Multiclean

## 10.1. Reactivity

## 10.2. Chemical stability

Stable under normal conditions of storage and use. See section 7.

## 10.3. Possibility of hazardous reactions

Not determined.

Hazardous

Polymerisation Will not polymerise.

## 10.4. Conditions to avoid

Avoid frost.

## 10.5. Incompatible materials

## 10.6. Hazardous decomposition products

If heated, vapours/gases hazardous to health (e.g. CO, NOx, HCl, isocyanates) may be formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicological information

No data are available for this product. It has been classified according to the calculation procedure of the EC Dangerous Preparations Directive using known information and calculated data about the individual components then read across to the Classification, Labelling and Packaging of substances and mixtures directive (as amended).

Inhalation

Not relevant at normal room temperatures. When heated, irritating vapours may be formed.

Ingestion

Irritating. May cause nausea, stomach pain and vomiting.

Skin contact

Liquid may irritate skin.

Eye contact

Irritating to eyes.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.1. Toxicity

No data is available for this preparation. Classified according to the calculation procedure of the EC Dangerous Preparations Directive using known data and information about the individual components

### 12.2. Persistence and degradability

Degradability

The product is expected to be biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

Mobility:

The product is miscible with water. May spread in water systems.

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## 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

## 12.6. Other adverse effects

### SECTION 13: DISPOSAL CONSIDERATIONS

#### General information

Product is hazardous waste. Do not allow into drains, sewers or water courses. Disposal must be by means of a licensed waste contractor.

#### 13.1. Waste treatment methods

Under current waste legislation - small amounts may be flushed into the sewer with plenty of water. Larger amounts must be neutralised with a suitable acid prior to collection and disposed of by a licensed waste contractor.

### SECTION 14: TRANSPORT INFORMATION

#### General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

Not applicable.

#### Transport Labels

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

### SECTION 15: REGULATORY INFORMATION

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

##### Statutory Instruments

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).

Control of Substances Hazardous to Health Regulations (as amended). (COSHH)

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009) Management of Health & Safety at Work Regulations 1999.

##### Approved Code Of Practice

The Control of Substances Hazardous to Health Regulations 2002 (as amended). Approved code of practice and guidance. Fifth Edition 2005. HSE Books, or download at: <http://www.hse.gov.uk/pubns/priced/l5.pdf>



# Multiclean

## Guidance Notes

Workplace Exposure Limits EH40.

CHIP for everyone HSG(108).

COSHH essentials. 'Easy steps to control chemicals.' Only available on HSE's website and regularly updated at <http://www.hse.gov.uk/pubns/guidance/index.htm>

## EU Legislation

ADR (L' Accord européen relative au transport international des marchandises dangereuses par route.)

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.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

EC Regulation 648/2004 on Detergents.

## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### General information

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation EC 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request

### Revision Comments

This is first issue.

Revision Date 09-MAY-

### 13 Risk Phrases In Full

R35	Causes severe burns.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
Hazard Statements In Full	
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.

## 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.