



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/4

## Multi Kleen

Revision 0  
Revision date 2015-07-06

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

1.1. Product identifier

<b>Product name</b>	Multi Kleen
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1.3. Details of the supplier of the safety data sheet

<b>Company</b>	Astral CSL
<b>Address</b>	Pilkington Industrial Estate Rake Lane Swinton M27 8LP
<b>Web</b>	www.astralcsl.com
<b>Telephone</b>	0044 (0) 161 643 0260
<b>Fax</b>	0044 (0) 870 199 2072
<b>Email</b>	info@astralcsl.com
<b>Email address of the competent person</b>	r.murie@astralcsl.com

1.4. Emergency telephone number


<b>Emergency telephone number</b>	0044 (0) 7725 123 546
<b>Company</b>	Roger Murie

**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

<b>2.1.1. Classification - 1999/45/E C</b>	Xi; R36/38 Symbols: Xi: Irritant.
<b>Main hazards</b>	Irritating to eyes and skin.
<b>2.1.2. Classification - EC 1272/2008</b>	Eye Dam. 1: H318;

2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word Hazard</b>	Danger
<b>Statement Precautionary</b>	Eye Dam. 1: H318 - Causes serious eye damage.
<b>Statement: Prevention</b>	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 -Immediately call a POISON CENTER/doctor/ .

**SECTION 3: Composition/information on ingredients**

3.2. Mixtures

## Multi Kleen

Revision 0

Revision date 2015-07-06

## 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Alcohol Ethoxylate		68439-45-2			1 - 10%	Xn; R22 Xi; R41	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0.5 - 1%	C; R35	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Alcohol Ethoxylate		68439-45-2			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Contact lenses should be removed. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove the affected person from the source of contamination immediately. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). Seek medical attention if irritation or symptoms persist. Drink 1 to 2 glasses of water.

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

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Not applicable. Use extinguishing media appropriate to the surrounding fire conditions.
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## SECTION 6: Accidental release measures

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

	Wear suitable protective equipment.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Dilute with water. Clean spillage area thoroughly with plenty of water. Clean area thoroughly with disinfectant. Do not allow runoff water to enter sewers or drains.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin. Keep out of the reach of children. Avoid contact with: . Wear suitable protective clothing, gloves and eye/face protection.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep container tightly closed and dry. Store in a cool, dry area.
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## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

## Multi Kleen

Revision 0

Revision date 2015-07-06

## 8.1.1. Exposure Limit Values

Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total - inhalable dust: -	WEL 15 min limit mg/m3 total - inhalable dust: -
	WEL 8-hr limit mg/m3 total - respirable dust: -	WEL 15 min limit mg/m3 total - respirable dust: -

## 8.2 Exposure controls

8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Use appropriate personal protective equipment. Approved safety goggles. Wear suitable protective equipment.
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## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Blue
Odour	Characteristic
pH	12 - 13.5
Solubility	Soluble in water

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.6. Hazardous decomposition products

	No Significant Hazard.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin, eyes and mucous membranes.
Respiratory or skin sensitisation	May cause irritation to skin in susceptible persons.
Repeated or prolonged exposure	May cause degreasing of the skin. May cause irritation to eyes and respiratory system. Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

## 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

## 12.1. Toxicity

	No data available
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## SECTION 13: Disposal considerations

## Disposal methods

	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
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## SECTION 14: Transport information

## 14.1. UN number

	The product is not classified as dangerous for carriage.
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## 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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## 14.3. Transport hazard class(es)

## Multi Kleen

Revision 0

Revision date 2015-07-06

## 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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## 14.4. Packing group

	The product is not classified as dangerous for carriage.
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## 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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## 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

## SECTION 16: Other information

## Other information

Text of risk phrases in Section 3

R22 - Harmful if swallowed.
R35 - Causes severe burns.
R41 - Risk of serious damage to eyes.

Text of Hazard Statements in Section 3

Acute Tox. 4: H302 - Harmful if swallowed.
Eye Dam. 1: H318 - Causes serious eye damage.