



# Maxima All-Purpose Cleaner

## Safety Data Sheet

### 1. Identification of the substance/ mixture and of the company/undertaking

1.1 Product: Maxima All Purpose Cleaner Product Code: MAX20034  
1.2 Use of the preparation: A General Kitchen & Hard Surface Cleaner  
1.3 Company: Maxima Trading Limited  
Ipark Industrial Estate  
Innovation Drive  
Hull  
HU5 1SG  
[www.maxima-clean.co.uk](http://www.maxima-clean.co.uk)

1.4 Emergency Telephone: (0161) 231 6111 (office hours only)

### 2. Hazards Identification

2.1 Classification of the substance or mixture

#### Classification

**Physical Hazards:-** Not Classified

**Health Hazards:-** Eye Irritant 2 – H319  
Elicitation – EUH 208

**Environmental Hazards-** Not Classified

2.2 Label elements

Pictogram



**Signal word** WARNING

**Hazard statements** H319 Causes serious eye irritation  
EUH208 Contains Methylchloroisothiazolinone/ Methylisothiazolinone. May produce an allergic reaction.

**Precautionary statements** P102 Keep out of reach of children  
P260 Do not breathe spray.  
P264 Wash exposed skin thoroughly after handling  
P271 Use in a well-ventilated area  
P273 Avoid release to the environment.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention  
P501 Dispose of contents/container in accordance with local requirements for domestic waste disposal



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**Supplemental label information** Concentration of active substance: Benzalkonium Chloride 0.1%

**Detergent labelling** < 5% Cationic surfactants, Non-ionic surfactants. Also contains: Perfume, Disinfectant  
Methylchloroisothiazolinone, Methylisothiazolinone

**Supplementary precautionary statements**

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection

2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB

### 3. Composition/ Information on Ingredients

#### 3.2 Mixtures

**Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides** 0.2 - <0.5%

**CAS no:** 85409-22-9

**EC no:** 939-350-2

**REACH registration no:** 01-2119970550-39-XXXX

**M factor (Acute) = 10 M factor (Chronic) = 1**

**Classification**

Acute Tox. 4 - H302

Skin Corr. 1B - H314

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

**Classification (67/548/EEC or 1999/45/EC)**

Xn; R22. C; R34. N; R50/53

**Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides** 0.2 - <0.5%

**CAS no:** 308062-28-4

**EC no:** 931-292-6

**REACH registration no:** 01-2119490061-47-XXXX

**M factor (Acute) = 1**

**Classification**

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Aquatic Chronic 2 - H411

**Classification (67/548/EEC or 1999/45/EC)**

Xn; R22. Xi; R41, R38. N; R50, R51/53

**Alcohol ethoxylate with 6.5MEO** 0.2 - <0.5%

**CAS no:** 68439-46-3

**Classification**

Eye Dam. 1 - H318

Acute Tox. 4 - H302

**Classification (67/548/EEC or 1999/45/EC)**

Xn R22, Xi R41

**(L) Lactic Acid** 0.2 - <0.5%

**CAS no:** 79-33-4

**EC No:** 201-196-2



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<b>REACH Registration no:</b> 01-2119474164-39	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R41, R38.
<b>DISODIUM SALT OF ETHYLENEDIAMINETETRAACETIC ACID DIHYDRATE</b> 0.025 – <0.25%	
<b>CAS no:</b> 6381-92-6 <b>EC no:</b> 205-358-3	
<b>Classification</b> Acute Tox. 4 - H332	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R20
<b>Ethanol</b> <0.025%	
<b>CAS no:</b> 64-17-5 <b>EC no:</b> 200-578-6	
<b>Classification</b> Flam. Liq. 2 - H225	<b>Classification (67/548/EEC or 1999/45/EC)</b> F; R11
<b>Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one</b> <0.025%	
<b>CAS no:</b> 55965-84-9 <b>EC no:</b> 611-341-5 M factor (Acute)=1	
<b>Classification</b> Acute Tox. 3 – H301 Acute Tox. 3 – H311 Acute Tox 3 – H331 Skin Corr 1B – H314 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410 Skin Sens. 1A – H317	<b>Classification (67/548/EEC or 1999/45/EC)</b> T: R23/R24/25, C: R34, Xi: R43, NR50/53
The full text for all R- Phrases and Hazard Statements are Displayed in section 16	
<b>4. First Aid Measures</b>	
4.1. Description of first aid measures	
<b>Inhalation:</b>	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion:</b>	Rinse mouth out with water and drink copious amounts of water. Do not induce vomiting. If symptoms persist seek medical advice.
<b>Skin contact:</b>	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.
<b>Eye contact:</b>	Remove victim immediately from source of exposure. 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.
4.2. Most important symptoms and effects, both acute and delayed	
<b>Inhalation:</b>	Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated
<b>Ingestion:</b>	May cause mild stomach upset



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**Skin contact:** May cause skin sensitisation or allergic reactions in sensitive individuals

**Eye contact:** May cause severe irritation to eyes.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

### 5. Fire Fighting Measures

5.1. Extinguishing media

**Extinguishing media :** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire

5.2. Special hazards arising from the substance or mixture

**Specific hazards:** No specific firefighting precautions applicable when small quantities are involved in the fire

**Hazardous combustion products:** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases(NO<sub>x</sub>). Oxides of sulphur

5.3. Advice for firefighters

**Protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions :** Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

**Environmental precautions:** Large Spillages - Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

**Methods for cleaning up:** Take care as floors and other surfaces may become slippery. Large Spillages: Absorb spillage with suitable absorbent material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections

**Reference to other sections:** See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### 7. Handling and Storage

7.1. Precautions for safe handling

**Usage precautions:** Read and follow manufacturer's recommendations on label. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use.

**Advice on general occupational hygiene:** Remove contaminated clothing and protective equipment before entering eating areas. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions :** Store in tightly-closed, original container. Store upright in a cool , safe place away from direct sunlight.



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7.3. Specific end use(s)

**Specific end use(s):** As stated in Section 1.2.

### 8. Exposure controls/ Personal Protection

8.1. Control parameters

#### Occupational exposure limits

##### Ethanol

Long term exposure limit (8-hr TWA) WEL : 1000ppm, 1920mg/m<sup>3</sup>

8.2. Exposure controls

#### Appropriate engineering

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn.

#### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### Hygiene measures

When using do not eat, drink or smoke. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

#### Environmental exposure controls

Keep container tightly sealed when not in use. Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

### 9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

<b>Appearance:</b>	Clear liquid.
<b>Colour:</b>	Red
<b>Odour:</b>	Characteristic.
<b>Odour Threshold :</b>	Not available.
<b>pH:</b>	2.5 – 3.5
<b>Melting point :</b>	~0°C
<b>Initial boiling point and range :</b>	102°C
<b>Flash point:</b>	Not available.
<b>Evaporation rate:</b>	Not available.
<b>Evaporation factor:</b>	Not available.
<b>Flammability (solid, gas):</b>	The product is not flammable.
<b>Upper/lower flammability or explosive limits:</b>	Not available.
<b>Vapour pressure :</b>	Not available.
<b>Vapour density:</b>	Not available.
<b>Relative density:</b>	0.99-1.03 @ 20°C



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<b>Bulk density:</b>	Not available.
<b>Solubility(ies):</b>	Soluble in water.
<b>Partition coefficient :</b>	Not available.
<b>Auto-ignition temperature:</b>	Not available.
<b>Decomposition Temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>Explosive properties:</b>	Not considered to be explosive.
<b>Oxidising properties:</b>	Does not meet the criteria for classification as oxidising.

### 9.2 Other Information

**Other Information :** No information required

## 10. Stability and Reactivity

### 10.1. Reactivity

See the other subsections of this section for further details.

### 10.2. Chemical stability

**Stability :** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

**Materials to avoid:** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended.

## 11. Toxicological Information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

##### Animal data

Based on available data the classification criteria are not met.

#### Serious eye damage/ irritation



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Causes serious eye irritation

### **Respiratory sensitisation**

Based on available data the classification criteria are not met.

### **Skin sensitisation**

May cause skin sensitisation or allergic reactions in sensitive individual.

### **Germ cell mutagenicity**

#### **Genotoxicity - in vitro**

Based on available data the classification criteria are not met.

### **Carcinogenicity**

Based on available data the classification criteria are not met.

### **Reproductive toxicity**

#### **Reproductive toxicity - fertility**

Based on available data the classification criteria are not met.

#### **Reproductive toxicity - development**

Based on available data the classification criteria are not met.

### **Specific target organ toxicity - single exposure**

#### **STOT - single exposure**

Based on available data the classification criteria are not met.

### **Specific target organ toxicity - repeated exposure**

#### **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.

### **Toxicological information on ingredients.**

#### Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides

#### **Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg)** 397.5

**Species** Rat

Raw material suppliers' information. Harmful if swallowed.

**ATE oral (mg/kg)** 397.5

#### **Acute toxicity - dermal**

**Acute toxicity dermal (LD50 mg/kg)** 3412.0

**Species** Rabbit

Raw material suppliers' information. Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 3412.0

#### Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

#### **Acute toxicity - oral**



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**Acute toxicity oral (LD50 mg/kg)** 1064

**Species** Rat

**ATE oral (mg/kg)** 1064

**Skin Corrosion/Irritation**

Cause irritation on the skin

**Serious eye damage/ irritation**

Cause serious eye irritation

**Alcohol ethoxylate with 6.5MEO**

**Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg)** >300<2000

**Species** Rat

Raw material suppliers' information. Harmful if swallowed.

**ATE oral (mg/kg)** >300<2000

**Acute toxicity - dermal**

**Acute toxicity dermal (LD50 mg/kg)** >2000 Based on available data the classification criteria are not met

**Species** Rat

Raw material suppliers' information. Based on available data the classification criteria are not met.

**Disodium salt of ethylenediaminetetraacetic acid dehydrate**

**Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg)** 2000

**Species** Rat

**ATE oral (mg/kg)** 2000

**Inhalation** Harmful by inhalation.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Powder may irritate skin.

**Eye contact** Particles in the eyes may cause irritation and smarting.

**(L) Lactic Acid**

**Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg)** 3543 Based on available data the classification criteria are not met

**Species** Rat

**Acute toxicity - dermal**

**Acute toxicity dermal (LD50 mg/kg)** >2000 Based on available data the classification criteria are not met

**Species** Rabbit

**Acute toxicity - inhalation**

**Acute toxicity inhalation (LC50 mg/l -4hrs)** 7.94

**Species** Rat

**Skin Corrosion/Irritation**

Cause irritation on the skin

**Serious eye damage/ irritation**

Cause serious eye damage

**5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one**





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**Acute toxicity - oral**

**Acute toxicity oral ( LD50 mg/kg)** 4467 Based on available data the classification criteria are not met

**Species** Rat

**Acute toxicity - dermal**

**Acute toxicity dermal (LD50 mg/kg)** >5000 Based on available data the classification criteria are not met

**Species** Rat

**Skin Corrosion/Irritation** Causes caustic effect on skin and mucous membrane

**Serious eye damage/ irritation** Cause serious eye damage

**Skin Sensitisation** Sensitization by skin contact

### 12. Ecological Information

12.1. Toxicity

Large or frequent spills may have an adverse effect on the environment. Aquatic toxicity is unlikely to occur. However, large or frequent spills may have hazardous effects on the environment

**Ecological information on ingredients.**

**Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides**

Fish	CL50	0.515 mg/l		
Daphnia	CE50	0.016mg/l		
Alga	CI50	0.03 mg/l		
Alga	NOEC	0.009mg/l		
<b>LE(C)<sub>50</sub></b>	0.01 < L(E)C50 ≤ 0.1		<b>M factor (Acute)</b>	10
<b>Chronic aquatic toxicity</b>				
<b>NOEC</b>	0.001 < NOEC ≤ 0.01		<b>M factor (Chronic)</b>	1

**Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides**

Fish	CL50	2.67 mg/l		
Daphnia	CE50	3.1mg/l		
Alga	CI50	0.143 mg/l		
Alga	NOEC	0.067mg/l		
<b>M factor (Acute)</b>			1	

**Alcohol ethoxylate with 6.5MEO**

Fish	LC50, 96hrs	1 -10 mg/l		
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**Disodium salt of ethylenediaminetetraacetic acid dehydrate**

Fish	LC50, 96hrs	>100mg/l		
Daphina	EC 50, 48hrs	>100mg/l		
Alga	IC 50, 72hrs	>100mg/l		

**(L) Lactic Acid**

Fish (Lepomis macrochirus -Bluegill)	LC50, 96hrs	130mg/l		
Daphina (Daphnia magna)	EC 50, 48hrs	130mg/l		
Aquatic Plants	EC 50, 72hrs	2800mg/l		

**5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one**



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Fish (rainbow trout)	EC50, 96hrs	14.6mg/l
Daphnia	EC 50, 48hrs	6.7mg/l
Alga (Pseudokirchneriella subcapitata)	EC 50, 72hrs	3.2mg/l

### 12.2. Persistence and degradability

#### Persistence and degradability

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

#### Ecological information on ingredients.

**Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides**

**Persistence and degradability** The product is readily biodegradable.

#### **Alcohol ethoxylate with 6.5MEO**

**Persistence and degradability** This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents

#### **Disodium salt of ethylenediaminetetraacetic acid dehydrate**

**Persistence and degradability** The product is not readily biodegradable.

#### **5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one**

**Persistence and degradability** The product is not readily biodegradable.

### 12.3 Bioaccumulative potential

No data available on bioaccumulation. **Partition coefficient** Not available

#### Ecological information on ingredients.

#### **Alcohol ethoxylate with 6.5MEO**

No bioaccumulation potential

#### **Disodium salt of ethylenediaminetetraacetic acid dehydrate**

No data bioaccumulation potential

#### **5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one**

**Log Kow** -0.71: +0.75 (n-Octanol/ water) **BCF** 3.6 (calculated)

### 12.4 Mobility in soil

The product is soluble in water

#### Ecological information on ingredients.

#### **Alcohol ethoxylate with 6.5MEO**

The product is mobile in water

#### **Disodium salt of ethylenediaminetetraacetic acid dehydrate**

The product is mobile in water

#### **5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one**



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No data available

### 12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB

### 12.6 Other adverse effects

None known

## 13. Disposal Considerations

### 13.1. Waste treatment methods

**Disposal methods :** Dispose of contents/container in accordance with national regulations

## 14. Transport Information

**General** The product is not covered by international regulations 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):** 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.

## 15. Regulatory Information

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

### National regulations

EH40/2005 Workplace exposure limits. The Chemical (Hazard Information and Packaging for Supply) Regulation 2009 (SI 2009 No. 716)

### EU legislation

- 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 (as amended).
- Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

## 16. Other Information

**Revision Comments** Format and content change to conform 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 (as amended)



## Maxima All-Purpose Cleaner Safety Data Sheet

**Revision Date** 8.6.2015

**Revision** 03

**Risk Phrases In Full**

R11 Highly Flammable  
R20 Harmful by inhalation  
R22 Harmful if swallowed  
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed  
R34 Causes burns  
R38 Irritating to skin  
R41 Risk of serious damage to eyes  
R43 May cause sensitisation by skin contact  
R50 Very toxic to aquatic organisms  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Hazard Statements In Full**

H225 Highly flammable liquid and vapour  
H301 Toxic if swallowed  
H302 Harmful if swallowed  
H311 Toxic in contact with skin  
H314 Causes severe burns and eye damage  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H331 Toxic if inhaled  
H332 Harmful if inhaled  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects  
H411 Toxic to aquatic life with long-lasting effects

**Disclaimer**

The information and recommendations contained in this safety data sheet represent, to the best of our knowledge and belief, an accurate and reliable representation as to the known data for this preparation at the date of issue. The information is intended only as guidance for safe handling use, processing, storage and release and is not to be considered a warranty or quality specification. It is the responsibility of the user to evaluate this information in a prudent manner and to use it in a manner that is consistent for his / her particular purpose.