



## SAFETY DATA SHEET M11 SANITISING WIPES

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

#### 1.1. Product identifier

**Product name** M11 SANITISING WIPES

**Product number** HLM31

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

**Identified uses** Wipe For professional use only. Disinfectants must be used responsibly in line with manufacturer's instructions.

**Uses advised against** Not for direct contact with Food or Beverage stuffs. Not for oral consumption.

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

**Supplier** UK - Holchem Laboratories Ltd. Gateway House, Pilsworth Road, Bury, BL9 8RD

Tel : +44 (0) 1706 222288; e-mail info@holchem.co.uk

EU - Kersia Deutschland GmbH, Marie-Curie-Straße 23

53332 Bornheim - Sechtem

#### 1.4. Emergency telephone number

**Emergency telephone** Emergency Information:-  
For accidents and spillages involving this product that pose a threat to the environment, or human health, or require immediate first aid advice call:- +44(0) 1865 407333.  
Note:- This number will not accept order queries or calls dealing with equipment breakdowns.  
This product is registered with the NPIS. UK Environment Agency 24hour Advisory Service 0800 807060. Irish Environmental Protection Agency 1890 335599 (This is a Lo Call Number)

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

#### 2.2. Label elements

**Hazard statements** NC Not Classified

**Precautionary statements** P234 Keep only in original packaging.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P404 Store in a closed container.  
P501 Dispose of contents/ container in accordance with national regulations.

**Supplemental label information** BPR001 Use biocides safely. Always read the label and product information before use.

**Detergent labelling** < 5% non-ionic surfactants

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### 2.3. Other hazards

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

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>ETHANOL</b>	<b>5-10%</b>
CAS number: 64-17-5	EC number: 200-578-6
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	

The full text for all hazard statements is displayed in Section 16.

**Composition comments** To the best of our knowledge, all of the substances used in this product are being supported for the relevant application in REACH. The Biocidally Active components of this product are supported in the Biocidal Products Regulation.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.
<b>Inhalation</b>	Inhalation unlikely.
<b>Ingestion</b>	Unlikely route of exposure. However, in the event of ingesting liquid: Rinse mouth thoroughly with water. Do not induce vomiting. If safe to do so remove any wipe material from mouth. Place unconscious person on the side in the recovery position and ensure breathing can take place.
<b>Skin contact</b>	Safe for use on unbroken skin. In the unlikely event of irritation cease use and seek medical advice.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	Prolonged contact may result in dryness of skin. Eye contact may result in redness and stinging discomfort.
<b>Inhalation</b>	Unlikely route of exposure without deliberate abuse. Likely to cause light-headed dizzy sensation.
<b>Ingestion</b>	Unlikely route of exposure without deliberate abuse. In the event of ingesting the liquid, drowsiness or a light headed feeling may result. Ingesting the wipe material may result in choking.
<b>Skin contact</b>	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
<b>Eye contact</b>	May cause redness and irritation (stinging sensation) to eyes.

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

**Notes for the doctor** Rinse well with water.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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**Suitable extinguishing media** The liquid component of this product will not support combustion, however the fabric may burn slowly. Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** No specific precautions due to the small quantities handled. No unusual fire or explosion hazards noted.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Protective clothing and respiratory protection should be worn when tackling fires involving this product. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid discharge into drains.

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

**Methods for cleaning up** No specific clean-up procedure recommended. Collect up dropped wipes and dispose in suitable waste.

### 6.4. Reference to other sections

**Reference to other sections** See sections 8, 12 & 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations.

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

**Storage precautions** Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Store between 0 and 30 Degrees C.

### 7.3. Specific end use(s)

**Specific end use(s)** Detergent/Disinfectant. Refer to Product Data sheet.

**Usage description** This product is suitable for use in food preparation areas, but is not designed for direct food contact.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### **ETHANOL**

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

Short-term exposure limit (15-minute): WEL

##### **PROPAN-2-OL**

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

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### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### Ingredient comments

Where an exposure level is quoted, a risk assessment should consider if there is a need to monitor the atmosphere of the working environment. Results should be compared against the WEL and/or DNEL information provided. The Long Term WEL refers to total exposure of a worker to a specific substance averaged out over an 8 hour period.

The Short Term WEL refers to a single exposure of a worker to a specific substance over a 15 minute period.

If the Short Term WEL is exceeded and no Long Term Limit is set, further exposure during the working shift is not permitted. Further controls should be implemented to ensure that future exposure to the substance is reduced below the levels set before the activity is repeated/continued. Where no Short Term WEL exists, guidance from the HSE is to use a value of three times the Long Term WEL.

The WEL limits are laid down in the EH40 list as supplied by the HSE. Where a worker is exposed to levels approaching a limit, further exposure control measures should be considered to reduce exposure to the substance. DNEL and/or PNEC information is supplied by manufacturers of substances in accordance with REACH legislation (Regulation (EC) No 1907/2006), and is used to provide suitable risk reduction measures to limit exposure of the user of the substance to a non hazardous level. If the measured level of exposure by a route divided by the DNEL for the route is greater than 1, then further exposure controls should be implemented as described in section 8.2. Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet. NOTE Sodium Hydroxide is present in this product at <0.02% as a trace impurity in EDTA.

### ETHANOL (CAS: 64-17-5)

<b>DNEL</b>	Consumer - Dermal; Long term Chronic effects: 206 mg/kg Consumer - Inhalation; local effects: 950 mg/m <sup>3</sup> Consumer - Inhalation; Chronic effects: 114 mg/m <sup>3</sup> Consumer - Oral Long term systemic effects 87mg/Kg Workers - Inhalation; short term local effects: 1900mg/m <sup>3</sup> Workers - Inhalation; Long term systemic effects: 950 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects 343 mg/Kg
<b>PNEC</b>	- Fresh water; 96 mg/l - marine water; 0.79 mg/l - Sediment (Freshwater); 3.6 mg/kg - Soil; 0.63 mg/kg

### PROPAN-2-OL (CAS: 67-63-0)

<b>DNEL</b>	Professional - Dermal; 1 d Chronic effects: 888 mg/kg Professional - Inhalation; Chronic effects: 500 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 140.9 mg/l - marine water; 140.9 mg/l - Sediment (Freshwater); 552 mg/kg - Sediment (Marinewater); 552 mg/kg - Soil; 28 mg/kg

### 2-PHENOXYETHANOL (CAS: 122-99-6)

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<b>DNEL</b>	Professional - Inhalation; Long term systemic effects: 8.07 mg/m <sup>3</sup> Professional - Inhalation; Long term local effects: 8.07 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 0.943 mg/l - marine water; 0.0943 mg/l - Intermittent release; 3.44 mg/l - Sediment (Freshwater); 7.24 mg/kg - Sediment (Marinewater); 0.724 mg/kg - Soil; 1.26 mg/kg - STP; 24.8 mg/l

### ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT (CAS: 64-02-8)

<b>DNEL</b>	Professional - Inhalation; Long term systemic effects: 1.5 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 2.86 mg/l - marine water; 0.286 mg/l - Intermittent release; 1.56 mg/l - Soil; 0.937 mg/kg, mg/kg dwt - STP; 55.94 mg/kg

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

<b>DNEL</b>	Industry - Inhalation; Long term local effects: 1.0 mg/m <sup>3</sup> DNEL data for Professional users is not yet available, but it is assumed to be the same as for Industrial users. Industry - Dermal; Short term local effects: 2%
<b>PNEC</b>	No information is available for PNEC data for Sodium Hydroxide

## 8.2. Exposure controls

### Protective equipment



#### Personal protection

The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment.

#### Eye/face protection

Contact with eyes should be avoided. Refer to EN Standard 166 to select appropriate level of protection.

#### Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Refer to Standard EN 374 and EN 16523

#### Other skin and body protection

Provide eyewash station.

#### Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

#### Environmental exposure controls

Keep container tightly sealed when not in use. Do not allow the substance to contaminate surface water/ground water. See points 6, 12 & 13.

#### General Health and Safety Measures.

A full Risk Assessment should be carried out before handling any chemical(s). Risk Assessments should refer to COSHH, and any other relevant legislation or industry specific guidelines governing the use of chemicals.

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### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear liquid in a moist non-woven blue wipe
<b>Colour</b>	Blue.
<b>Odour</b>	Slight alcoholic.
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	pH (concentrated solution): 7 - 11
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	47.5 Degrees C for Liquid component, but the wipe does not support combustion.
<b>Evaporation rate</b>	Not known.
<b>Evaporation factor</b>	Not known.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	: Not applicable.
<b>Other flammability</b>	Does not support combustion.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	1.0 @ 20 Degrees C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Liquid component is soluble in water. Soluble in water.
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Refractive index</b>	Not applicable.
<b>Particle size</b>	Not applicable.
<b>Molecular weight</b>	Not applicable.
<b>Volatility</b>	Not applicable.
<b>Saturation concentration</b>	Not applicable.
<b>Critical temperature</b>	Not applicable.

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<b>Volatile organic compound</b>	Not applicable.
<b>Explosive Properties</b>	Not Classified as Explosive
<b>Storage Temperature Range</b>	0 to 30 Degrees C

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended. - See note 10.6.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Refer to section 10.1.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

#### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with the following materials: Hypochlorite based chemicals.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. - See section 10.5.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Skin sensitisation

**Skin sensitisation** Alkyl Benzyl Dimethyl Ammonium Chloride has been linked to skin sensitisation by prolonged or repeated exposure. Use of gloves is recommended.

##### Carcinogenicity

**Carcinogenicity** The components of this formulation will not be systemically available in the body under normal conditions of handling. As a consequence it is not expected to cause cancer.

##### Reproductive toxicity

**Reproductive toxicity - fertility** The components of this formulation will not be systemically available in the body under normal conditions of use and handling. As a consequence it is not expected to be toxic to the reproductive system or developing foetus.

**General information** See section 4.2.

**Inhalation** Inhalation is unlikely due to the small volume of liquid contained in each wipe. - See section 4.2.

**Ingestion** May cause discomfort if swallowed. - See section 4.2

**Skin contact** Under normal conditions of use exposure time will be short and the likelihood of causing skin irritation will be very low. Long exposure may result in skin dryness.

**Eye contact** May cause temporary eye irritation.

#### Toxicological information on ingredients.

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### ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 795.0

Species Rat

ATE oral (mg/kg) 795.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 1,560.0

Species Rat

### SECTION 12: Ecological information

**Ecotoxicity** This product is not classified as hazardous to the environment. However it contains a component (or components) that is (are) classified as very toxic to the aquatic environment in their neat form. Normal use is unlikely to pose a risk to the environment.

#### 12.1. Toxicity

##### Acute aquatic toxicity

##### Acute toxicity - fish

To the best of our current knowledge, the main ecotoxicological effect is due to the Alky Benzyl Dimethyl Ammonium Chloride, for which :-  
 The EC50/48h value for Daphnia is 0.03mg/l.  
 The EC50/96h value for Selenastrum capricornutum is 0.06mg/l.  
 The LC50/96h value for Rainbow Trout is 1.7 mg/l.  
 Behaviour in sewage processing plants - EC20 / 0.5hr = 10mg/l (Activated Sludge).  
 This mixture is not classified as toxic to aquatic organisms.  
 Normal use is unlikely to pose a hazard to the environment.  
 See note 12.0.

##### Ecological information on ingredients.

### ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE

#### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.01 < L(E)C50 ≤ 0.1

M factor (Acute) 10

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 0.93 mg/l, Fish

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 0.0058 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC<sub>50</sub>, 72 hours: 0.049 mg/l, Algae

#### Chronic aquatic toxicity

NOEC 0.001 < NOEC ≤ 0.01

Degradability Rapidly degradable

M factor (Chronic) 1

#### 12.2. Persistence and degradability



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**Persistence and degradability** The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004 as amended. Consideration should be given to including used wipes into a plastic re-cycling facility. The wipe fabric is Polypropylene which will be slow to breakdown in the environment.

### Ecological information on ingredients.

#### ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE

**Persistence and degradability**

The product is more than 80% biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The liquid is not expected to Bioaccumulate.

**Partition coefficient** Not applicable.

### Ecological information on ingredients.

#### ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE

**Bioaccumulative potential** The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product contains substances which are water-soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

## SECTION 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)

Not applicable.

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### 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 MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

#### Annex II of MARPOL 73/78

and the IBC Code

## SECTION 15: Regulatory information

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

#### National regulations

UK Adoption and Implementation of the UN Globally Harmonised System (GHS) on Classification and Labelling of Chemicals (GB CLP) and considers UK National REACH legislation.  
Also UK Biocides Regulations.

#### EU legislation

European Regulation (EC) No 1272/2008 (as amended) on Classification, Labelling and Packaging of Substances and Mixtures.  
Also considered is the REACH Regulation (EC) No.1907/2006 (as amended).  
REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products. [BPR]

### 15.2. Chemical safety assessment

#### Pcs Information

No chemical safety assessment has been carried out.

## SECTION 16: Other information

#### Abbreviations and acronyms used in the safety data sheet

(EC) No. 1272/2008 : EU Regulation on Classification, Labelling and Packaging of Substances and Mixtures.  
NPIS - National Poisons Information Service.  
vPvB - Very Persistent, Very bioaccumulative.  
PBT - Persistent, Bioaccumulative & Toxic.  
REACH - Registration, Evaluation, Authorisation & restriction of CHemicals (Regulation EC 1907/2006).  
DNEL - Derived No Effect Limit.  
PNEC - Predicted No Effect Concentration.  
COSHH - Control of Substances Hazardous to Health.

#### Revision comments

Amendment to the emergency phone number in Section 1.4.

#### Revision date

26/10/2021

#### Hazard statements in full

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

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### **REACH extended MSDS comments**

REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevant recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios. Where Exposure Scenarios have been provided for substances used in this product, the relevant information is incorporated into the safety data sheet.

### **END OF SAFETY DATA SHEET**

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.