



***'Prevention is better than cure'***

The Oneklenz Hand sanitiser is an alcohol-free, moisturising hand sanitising foam that is both kind to skin and hard on bacteria. The unique formula makes it one of the most effective sanitising anti-bacterial, anti-viral and anti-fungal products available today, killing 99.999% of all bacteria in under 30 seconds.

Oneklenz Hand sanitiser is alcohol-free and therefore safer to use than current alcohol-based products. Oneklenz also contains a moisturising agent protecting your hands from cracks and further infection risks.

Oneklenz kills 99.999% of all viruses, bacteria and fungi in under 30 seconds compared to 60% Ethanol versions that actually only achieve 99.9% kill-rate.



## SAFETY DATA SHEET

*This safety data sheet conforms to Regulation (EC) 1907/2006 as amended by Regulation (EU) 2015/830*

Material:	Hfm.care	SDS reference:	2017-003
Material code:	CHX 04	SDS compiled:	16 June 2017

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

#### 1.1 Product identifier

Chemical Name	Not applicable (mixture)
Trade Name	CHX 04

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

Identified uses:	Multi-use hand sanitising foam
Uses advised against:	No known uses advised against

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

Hfm.care ltd  
Unit 3 the Initial Site  
Harpers Lane  
Chorley PR6 0FD  
United Kingdom

1.4 Emergency telephone number	+44 (0) 800 1777 399 (09:00 to 17:00 Monday to Friday)
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### SECTION 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1278/2008 (CLP): Not classified

#### 2.2 Label elements

None (not classified as hazardous)

#### 2.3 Other hazards

None known

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

This product is a mixture containing no hazardous ingredients in declarable concentrations.

## SECTION 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

**Inhalation:** Unlikely to be required during use at ambient temperature. If mist inhaled remove patient from exposure into fresh air and keep at rest. Obtain medical aid if symptoms occur.

**Eye contact:** Irrigate eyes with eyewash solution or clean water, holding the eyelids apart, for at least fifteen minutes (do not let run-off water contaminate unaffected eye). Obtain medical aid if symptoms occur.

**Skin contact:** Wash affected area thoroughly with water. Report for medical attention if irritation or rash occurs.

**Ingestion:** Unlikely to be required but in an exceptional case of significant ingestion do not induce vomiting, give patient plenty of water to drink if conscious, keep warm and at rest. If unconscious for any reason, place/transport patient in secured side recovery position. Obtain immediate medical aid.

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

**Inhalation:** Symptoms may include coughing and sneezing.

**Eye contact:** May cause irritation (eg redness, tears).

**Skin contact:** May cause irritation (eg reddening of skin, itching) to some people.

**Ingestion:** May cause gastric disturbance (eg vomiting, diarrhoea, stomach cramps).

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

Treatment should be symptomatic and supportive.

## SECTION 5 FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Material is reported to be non-combustible. Use extinguishing media appropriate for the combustible materials involved.

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

May produce toxic fumes of organic compounds and carbon monoxide.

### 5.3 Advice for fire-fighters

Wear standard protective clothing and breathing apparatus. If without risk remove packages from exposure to fire. As standard procedure, prevent fire-fighting water from contaminating drains or water courses (cover drains or bund area if practicable).

## SECTION 6 ACCIDENTAL RELEASE MEASURES

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

As standard procedure, keep people and animals away. Wear protective clothing as specified in Section 8.

### 6.2 Environmental precautions

As standard procedure, prevent fire-fighting water entering drains or watercourses – protect drains with covers.

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

Contain larger spillages with barriers/bunding if possible and transfer to suitable drum for recovery, recycling or disposal as waste. Otherwise, contain/absorb spillages preferably with industrial absorbent or sand then collect up and transfer to suitable drum for disposal. Subsequently wash down affected area with water then collect up and transfer to suitable drum for disposal. For safe disposal of material, contaminated absorbent or wash water see Section 13.

### 6.4 Reference to other sections

See also Sections 8 and 13.

## SECTION 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Unlikely to be required but, where formation of mist is likely, ensure adequate ventilation. Handle in ways that minimise splashing. No smoking.

As a general precaution, avoid spillages especially in the presence of drains and watercourses. Avoid damaging packages. See Section 8 for occupational hygiene and exposure prevention measures.

### 7.2 Consideration for safe storage, including any incompatibilities

Material is a stable non-combustible liquid. Store in a designated room or other suitable area at ambient temperatures. Inspect packages regularly for leakers or damage. Preferably store in original packages, otherwise approved plastic packages may be used.

### 7.3 Specific end uses

Surface disinfectant

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No additional data available.

### 8.2 Exposure controls

**General:** Check workplace instructions/procedures and risk assessments for any exposure control and personal protective equipment requirements (eg COSHH assessments in the UK). Exposure control measures and personal protective equipment specified in these risk assessments should take precedence over the more general recommendations below because they take into account highly variable factors specific to the workplace and activity concerned which cannot be anticipated in a safety data sheet.

Otherwise:

**Engineering controls:** If significant exposure to mist is likely it should be minimised by the use of appropriate containment, engineering control and ventilation measures. Where ventilation is used, adequate local exhaust ventilation is preferred where appropriate for some operations as it removes mist at source and minimises dispersal into the workplace.

**Respiratory protection:** If significant exposure to mist is likely and depending upon workplace/incident circumstances use filtering respirator with filter cartridge Type P2 (Particulates). In an emergency or where the concentration of dust is unknown but could be high use clean air supplied breathing apparatus. Do not use a filtering respirator in: atmospheres containing <19.5% oxygen; poorly ventilated areas; confined spaces; circumstances when concentration of mist is unknown but could be high, is 'immediately dangerous to life or health' or is above any workplace exposure limit; for fire-fighting.

**Eye protection:** If considered necessary, wear safety glasses with side pieces or safety goggles to EN166 or 29 CFR 1910.133 or visor depending on the likelihood of splashing.

**Skin protection:** If considered necessary, wear protective gloves to EN374 (eg rubber, pvc or nitrile rubber with minimum layer thickness 0.11 mm, and break through time 480 min). Do not wear damaged gloves. Check condition regularly for abrasion damage. Wear standard workplace protective clothing (eg washable polyester cotton or disposable overalls and protective footwear).

**Environmental:** Measures based on adequate handling practices and facilities, containment and filtered extraction (where appropriate) intended to minimise exposure to the material should also minimise release of it to the environment. See also Section 6.2.

**General hygiene:** Remove overalls and personal protective equipment before eating, drinking or smoking and before entering office, eating or other 'clean' areas. Wash hands after contact with mixture. Contaminated clothing and personal protective equipment should be cleaned before removal where practicable and before re-use; if not possible it should be disposed of as waste (see Section 13).

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

The mixture is unclassified (CLP)

Property	Mixture characteristic
Appearance	Translucent, slightly cloudy
Odour	Slight disinfectant odour
pH	7.5-8.5
Melting/freezing point	Expected to be approximately 0 °C
Boiling point	Approximately 100 °C
Flash point	Not relevant to mixture containing low concentration of flammable ingredients
Evaporation rate	Not applicable (non-volatile liquid)
Flammability	Not relevant (mixture is a liquid)
Upper/lower flammability or explosive limits	Not relevant (mixture is a non-flammable liquid)
Vapour pressure	Predicted to be low based on mixture ingredients
Vapour density	Not relevant (mixture is non-hazardous)
Relative density	1.0 to 1.01 at 20 °C
Solubility in water	Completely miscible
Partition coefficient: n-octanol/water	Not relevant to a mixture
Autoignition temperature	Not relevant (mixture is non-hazardous)
Decomposition temperature	Not determined
Viscosity	Slightly viscous
Explosive properties	Not relevant (liquid mixture does not contain explosive ingredients)
Oxidising properties	Not relevant (mixture does not contain ingredients with oxidising properties)

### 9.2 Other information

No data

## SECTION 10 STABILITY AND REACTIVITY

### 10.1 Reactivity

Not reported to be reactive under normal circumstances.

### 10.2 Chemical stability

Thought to be chemically stable.

### 10.3 Possibility of hazardous reactions

Possibility of hazardous reactions with substances that react dangerously with water.

#### 10.4 Conditions to avoid

None known.

#### 10.5 Incompatible materials

Possibly substances that react dangerously with water.

#### 10.6 Hazardous decomposition products

None expected in a use, storage or spillage situation (see Section 5 for fire-related hazards).

### SECTION 11 TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

The mixture is unclassified (CLP)

Acute oral toxicity	Not acutely toxic (calculated ATE is > 200,000 mg/kg bw).
Acute inhalation toxicity	None of the mixture ingredients are classified in this respect.
Acute dermal toxicity	None of the mixture ingredients are classified in this respect.
Skin corrosion/irritation	Mixture is not corrosive or irritant to skin based on ingredient concentrations.
Serious eye damage/irritation	Mixture does not cause eye damage/irritation based on ingredient concentrations.
Skin sensitisation	None of the mixture ingredients are classified in this respect.
Respiratory sensitisation	None of the mixture ingredients are classified in this respect.
Germ cell mutagenicity in vitro	None of the mixture ingredients are classified in this respect.
Germ cell mutagenicity in vivo	None of the mixture ingredients are classified in this respect.
Carcinogenicity	None of the mixture ingredients are classified in this respect.
Reproductive toxicity	None of the mixture ingredients are classified in this respect.
Development toxicity	None of the mixture ingredients are classified in this respect.
STOT-single exposure	The only hazardous component classified in this respect is present at very low concentration (0.03%).
STOT-repeated exposure	None of the mixture ingredients are classified in this respect.
Aspiration hazard	None of the mixture ingredients are classified in this respect.

### SECTION 12 ECOLOGICAL INFORMATION

#### 12.1 Toxicity

The mixture is unclassified (CLP)

Short-term aquatic toxicity	Mixture is not hazardous based on ingredient concentrations.
Long-term aquatic toxicity	Mixture is not hazardous based on ingredient concentrations.
Terrestrial toxicity	None of the mixture ingredients are classified in this respect.

#### 12.2 Persistence and degradability

As a precaution, one mixture ingredient was declared not readily biodegradable by the REACH lead registrant. However, this ingredient is present at low concentration (< 1%).

#### 12.3 Bioaccumulation potential

None of the hazardous ingredients were considered to be bioaccumulative by the REACH lead registrants and are present in the mixture at low concentration (<1%).

#### 12.4 Mobility in soil

Substances that were considered to be immobile in soil by REACH lead registrants are present in the mixture at low concentration (< 1%).

#### 12.5 Results of PBT and vPvB assessment

None of the hazardous mixture ingredients that are present at low concentration (< 1%) were declared PBT or vPvB by the REACH lead registrants.

#### 12.6 Other adverse effects

None known.

### SECTION 13 DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

**Handling:** See Section 3, 11, 12 and 15 for hazard information, and Sections 7 and 8 for safe handling advice.

**Material:** Material may be disposed of at an approved waste disposal site in compliance with local regulations. The preferred method of disposal at such facilities may be incineration at >1100°C with a minimum residence time of 13 seconds, with off-gas scrubbing. Do not allow material to contaminate ground, watercourses, sewers or drains.

**Packaging:** Contaminated packaging may be disposed of as above. Uncontaminated packaging should normally be reused or cleaned and recycled.

**Regulations:** Some or all of the following legislation may be applicable: (UK) Environmental Protection Act 1990, Part II; Environmental Protection (Duty of Care) Regulations 1991; The Waste Management Licensing Regulations 1994 (as amended).

### SECTION 14 TRANSPORT INFORMATION

14.1	UN number	None (not dangerous for transport)
14.2	UN proper shipping name	None (not dangerous for transport)
14.3	Transport hazard class(es)	None (not dangerous for transport)
14.4	Packing group	None (not dangerous for transport)
14.5	Environmental hazards	None
14.6	Special precautions for user	None specific to transport
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevant

### SECTION 15 REGULATORY INFORMATION

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

None identified (UK).

#### 15.2 Chemical safety assessment

A chemical safety assessment is not required for this product. However, the chemical safety assessments associated with REACH registration of declarable ingredients have been taken into consideration for purposes of classification and labelling.

## SECTION 16 OTHER INFORMATION

### Abbreviations used in this SDS:

CLP:	Classification, Labelling and Packaging Regulation
REACH:	Regulation (The Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (REACH) ((EC) 1907/2006)
UN:	United Nations Model Regulations on the Transport of Dangerous Goods

### Details of hazard codes referred to in this SDS:

H225: Highly flammable liquid and vapour  
H319: Causes serious eye irritation  
H336: May cause drowsiness or dizziness

### Sources of data used/checked for this SDS:

Supplier safety data sheets and other information  
ECHA list of registered substances  
CLP Regulation Annex VI  
CLP Classification & Labelling Inventory  
Various internet sources

### Changes made in this SDS:

None (original version)

### 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.