

## INEOS Surface Spray Pomelo + Yuzu

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

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

#### 1.1 Product identifier

Product Name INEOS Surface Spray Pomelo + Yuzu  
Unique Formula Identifier (UFI) J27V-0U3K-X00F-SQGE

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

Identified Use(s) Surface disinfectant.  
Uses Advised Against Not known.

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

Company Identification INEOS Hygienics Limited  
School Aycliffe Lane  
Newton Aycliffe, Co. Durham  
United Kingdom  
Postal code DL5 6EA  
Telephone +44 (0) 1325 804 370  
E-mail cc.hygienics@ineos.com  
Office hours 08:00 - 17:00

#### 1.4 Emergency telephone number

Company, United Kingdom +44 (0) 1325 804 370  
National response centre, NHS Direct +44 111

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and Eye Irrit. 2 :Causes serious eye irritation.  
UK SI 2020/1567

#### 2.2 Label elements

Product Name INEOS Surface Spray Pomelo + Yuzu  
Hazard Pictogram(s) According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567



GHS07

Signal Word(s) Warning

Hazard Statement(s) H319: Causes serious eye irritation.

Precautionary Statement(s) P102: Keep out of reach of children.  
P264: Wash hands and exposed skin thoroughly after handling.  
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.

Unique Formula Identifier (UFI) J27V-0U3K-X00F-SQGE

#### 2.3 Other hazards

This product contains: 78-93-3 (Endocrine disrupting properties)

#### 2.4 Additional Information

For full text of H/P Statements see section 16.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product contains: >90% Water.

#### 3.1 Substances

Not applicable.

#### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Citric acid	77-92-9	201-069-1	1 - 3	Eye Irrit. 2 H319 STOT SE 3 H335	GHS07
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1	500-220-1	1 – 2	Eye Dam. 1 H318	GHS05
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	600-975-8	<1	Skin Irrit. 2 H315 Eye Dam. 1 H318	GHS05 GHS07
Ethanol	64-17-5	200-578-6	<0.5	Flam. Liq. 2 H225 Eye Irrit. 2 H319	GHS02 GHS07

**INEOS Surface Spray Pomelo + Yuzu**

Benzyl-C12-14-alkyldimethylammonium chlorides	85409-22-9	939-350-2	<0.2	Acute Tox. 4 H302 Skin Corr. 1B H314 Eye Dam. 1 H318 Aquatic Acute 1 H400 (M-factor 10) Aquatic Chronic 1 H410	GHS05 GHS07 GHS09
Propan-2-ol	67-63-0	200-661-7	≤0.005	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07
Butanone	78-93-3	201-159-0	≤0.005	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336 EUH066	GHS02 GHS07

For full text of H/P Statements see section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

**Inhalation** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin Contact** Wash skin with water.

**Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion** Wash out mouth with water. If symptoms persist, obtain medical attention.

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

Causes serious eye irritation.

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

Unlikely to be required but if necessary treat symptomatically.

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None known.

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

None anticipated.

**5.3 Advice for firefighters**

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Provide adequate ventilation.

**6.2 Environmental precautions**

Do not allow to enter drains, sewers or watercourses.

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

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

**6.4 Reference to other sections**

See Also Section 8, 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Avoid contact with eyes. Wash hands and exposed skin thoroughly after handling.

**7.2 Conditions for safe storage, including any incompatibilities**

Storage temperature Ambient.

Storage life Stable under normal conditions.

Incompatible materials None anticipated.

**7.3 Specific end use(s)**

Surface disinfectant.

## INEOS Surface Spray Pomelo + Yuzu

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### 8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Ethanol	64-17-5	1000	1920			
Propan-2-ol	67-63-0	400	999	500	1250	
Butan-2-one (methyl ethyl ketone)	78-93-3	200	600	300	899	Sk, BMGV

Source: UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark	Notes
Sk	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.
BMGV	Biological monitoring guidance values are listed in Table 2.

Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Butan-2-one	78-93-3	Post shift	urine	butan-2-one	70 µmol butan-2-one/L	

#### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear protective eye glasses for protection against liquid splashes.



Skin protection

Not normally required.



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Do not allow to enter drains, sewers or watercourses.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Clear liquid.
	Colour : Pale yellow.
Odour	Pleasant, agreeable. Citrus.
Odour threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash Point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Density (g/ml)	Not available.
Relative density	Not available.
Solubility(ies)	Solubility (Water) : Completely miscible with water. Solubility (Other) : Not known.

## INEOS Surface Spray Pomelo + Yuzu

Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature (°C)	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
<b>9.2 Other information</b>	None.

### SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	None anticipated.
<b>10.2 Chemical Stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	No hazardous reactions known if used for its intended purpose.
<b>10.4 Conditions to avoid</b>	None anticipated.
<b>10.5 Incompatible materials</b>	None anticipated.
<b>10.6 Hazardous decomposition products</b>	No hazardous decomposition products known.

### SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute toxicity - Ingestion	Calculation method : Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 338983.06
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation. No data.
Skin sensitization data	Calculation method : Not classified. It is not a skin sensitiser.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified. There is no evidence of mutagenic potential.
Carcinogenicity	Calculation method : Not classified. No evidence of carcinogenicity.
Reproductive toxicity	Calculation method : Not classified. No evidence of reproductive effects.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.
<b>11.2 Other information</b>	Endocrine disrupting properties: List II: Substances under evaluation for endocrine disruption under an EU legislation 78-93-3 (Human health)

### SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Harmful to aquatic life.
Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.
<b>12.2 Persistence and degradability</b>	The product is biodegradable.
<b>12.3 Bioaccumulative potential</b>	The product has low potential for bioaccumulation.
<b>12.4 Mobility in soil</b>	Completely miscible with water. The product is predicted to have high mobility in soil.
<b>12.5 Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6 Other adverse effects</b>	None known.

**INEOS Surface Spray Pomelo + Yuzu**

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Dispose at suitable refuse site.

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION**

Not classified as hazardous for transport.

**14.1 UN number**

Not applicable

**14.2 UN proper shipping name**

Not applicable

**14.3 Transport hazard class(es)**

Not applicable

**14.4 Packing group**

Not applicable

**14.5 Environmental hazards**

Not classified as a Marine Pollutant.

**14.6 Special precautions for user**

Not known

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not known

**SECTION 15: REGULATORY INFORMATION**

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances Not listed

of Very High Concern for Authorisation

UK REACH Authorisation List (Annex XIV) list of substances subject to

authorisation

UK REACH Restrictions List (Annex XVII) Ethanol (64-17-5), Propan-2-ol (67-63-0), Butanone (78-93-3)

Restrictions on the manufacture, placing

on the market and use of certain

dangerous substances, mixtures and

articles

UK REACH Rolling Action Plan (RAP) Not listed

The Persistent Organic Pollutants

Regulations 2007 (SI 2007/3106) as

amended

The Ozone-Depleting Substances and

Fluorinated Greenhouse Gases

(Amendment etc.) (EU Exit) Regulations

2019 (SI 2019/583)

The Prior Informed Consent (PIC) Not listed

Regulations concerning the export and

import of hazardous chemicals

SI2008/2108 as amended

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) Butanone (78-93-3)

**15.2 Chemical Safety Assessment**

United Kingdom

Not applicable.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

1-16

**LEGEND**

Hazard Pictogram(s)



GHS07

## INEOS Surface Spray Pomelo + Yuzu

	<p>GHS02: GHS: Flame GHS05: GHS: Corrosion GHS09: GHS: Environment</p>
Hazard classification	<p>Flam. Liq. 2 : Flammable liquid, Category 2 Acute Tox. 4 : Acute toxicity, Category 4 Skin Corr. 1B : Skin corrosion/irritation, Category 1B Skin Irrit. 2 : Skin corrosion/irritation, Category 2 Eye Dam. 1 : Serious eye damage/irritation, Category 1 Eye Irrit. 2 : Serious eye damage/irritation, Category 2 STOT SE 3 : Specific target organ toxicity — single exposure, Category 3 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1</p>
Hazard Statement(s)	<p>H225: Highly flammable liquid and vapour. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. EUH066: Repeated exposure may cause skin dryness or cracking.</p>
Precautionary Statement(s)	<p>P264: Wash hands and exposed skin thoroughly after handling. 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.</p>
Acronyms	<p>ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative</p>
Key literature references and sources for data used to compile the SDS	<p>GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567</p>
Disclaimers	<p>Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Hygienics Limited gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. INEOS Hygienics Limited accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.</p>