

**INEOS Surface Spray Pink Grapefruit + Pomelo**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

**1.1 Product identifier**

Product Name INEOS Surface Spray Pink Grapefruit + Pomelo  
Unique Formula Identifier (UFI) X21V-JUST-G00T-FTPQ

**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  
Address of Supplier Shamrockstrasse 88  
44623 Herne, Germany.  
Telephone +44 (0) 1325 80 4370  
E-mail cc.hygienics@ineos.com  
Office hours 08:00 - 17:00

**1.4 Emergency telephone number**

Company +44 (0) 1325 80 4370  
Ireland +353 (0) 1809 2166  
National response centre, NHS Direct +44 111

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Eye Irrit. 2 :Causes serious eye irritation.

**2.2 Label elements**

Product Name According to Regulation (EC) No. 1272/2008 (CLP)  
INEOS Surface Spray Pink Grapefruit + Pomelo

Hazard Pictogram(s)



Signal Word(s)

GHS07

Hazard Statement(s)

Warning

Precautionary Statement(s)

H319: Causes serious eye irritation.  
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.  
X21V-JUST-G00T-FTPQ

Unique Formula Identifier (UFI)

**2.3 Other hazards**

This product contains: 1222-05-5, 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. / REACH Registration No.   | %W/W  | Hazard Statement(s)                    | Hazard Pictogram(s) |
|--|-------------|-----------------------------------|-------|--|---------------------|
| Citric acid  | 77-92-9     | 201-069-1 / 01-2119457026-42-XXXX | 1 - 3 | Eye Irrit. 2 H319<br>STOT SE 3 H335    | GHS07               |
| D-Glucopyranose, oligomers, decyl octyl glycosides   | 68515-73-1  | 500-220-1 / 01-2119488530-36-XXXX | 1 – 2 | Eye Dam. 1 H318                        | GHS05               |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides | 110615-47-9 | 600-975-8 / 01-2119489418-23-XXXX | <1    | Skin Irrit. 2 H315<br>Eye Dam. 1 H318  | GHS05<br>GHS07      |
| Ethanol  | 64-17-5     | 200-578-6 / 01-2119457610-43-XXXX | <0.5  | Flam. Liq. 2 H225<br>Eye Irrit. 2 H319 | GHS02<br>GHS07      |

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|   |            |                                   |        |  |                         |
|---|------------|-----------------------------------|--------|--|-------------------------|
| Benzyl-C12-14-alkyldimethylammonium chlorides                                   | 85409-22-9 | 939-350-2 / 01-2119970550-39-XXXX | <0.2   | Acute Tox. 4 H302<br>Skin Corr. 1B H314<br>Eye Dam. 1 H318<br>Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410 | GHS05<br>GHS07<br>GHS09 |
| 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyrangelaxolide (HHCB) | 1222-05-5  | 214-946-9 / 01-2119488227-29-XXXX | ≤0.02  | Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410   | GHS09                   |
| Propan-2-ol   | 67-63-0    | 200-661-7 / 01-2119457558-25-XXXX | ≤0.005 | Flam. Liq. 2 H225<br>Eye Irrit. 2 H319<br>STOT SE 3 H336   | GHS02<br>GHS07          |
| Butanone  | 78-93-3    | 201-159-0 / 01-2119457290-43-XXXX | ≤0.005 | Flam. Liq. 2 H225<br>Eye Irrit. 2 H319<br>STOT SE 3 H336<br>EUH066   | GHS02<br>GHS07          |

| HAZARDOUS INGREDIENT(S)                              | CAS No.     | Specific Concentration Limit | M-factor            | ATE                      |
|--|-------------|------------------------------|---------------------|--------------------------|
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides | 110615-47-9 | Skin Irrit. 2                | C> 30 <= 100        |                          |
|  |             | Eye Dam. 1                   | C> 12 <= 30         |                          |
|  |             | Eye Dam. 1                   | C> 30 <= 100        |                          |
| Ethanol  | 64-17-5     | Eye Irrit. 2                 | C>= 50 <= 100       |                          |
| Benzyl-C12-14-alkyldimethylammonium chlorides        | 85409-22-9  |                              | Aquatic Acute 1: 10 | Acute Tox. 4 (H302): 500 |

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

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**

Absorb 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.

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**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.

**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**

Physical state: Clear liquid.  
Colour: Pink.  
Odour: Pleasant, agreeable. Citrus.  
Melting point/freezing point: Not available.  
Boiling point or initial boiling point and boiling range: Not available.

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|   |   |
|---|---|
| Flammability                                      | Non-flammable.  |
| Lower and upper explosion limit                   | Not available.  |
| Flash Point                                       | Not available.  |
| Auto-ignition temperature                         | Not available.  |
| Decomposition Temperature                         | Not available.  |
| pH  | Not available.  |
| Kinematic Viscosity                               | Not available.  |
| Solubility  | Solubility (Water) : Completely miscible with water.<br>Solubility (Other) : Not known. |
| Partition coefficient n-octanol/water (log value) | Not available.  |
| Vapour pressure                                   | Not available.  |
| Density and/or relative density                   | Not available.  |
| Relative vapour density                           | Not available.  |
| Particle characteristics                          | Not applicable.   |
| <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 hazard classes as defined in Regulation (EC) No 1272/2008</b> |  |
| Acute toxicity - Ingestion   | Calculation method : Not classified.<br>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.<br>It is not a skin sensitiser.   |
| Respiratory sensitization data   | Calculation method : Not classified.   |
| Germ cell mutagenicity   | Calculation method : Not classified.<br>There is no evidence of mutagenic potential.   |
| Carcinogenicity  | Calculation method : Not classified.<br>No evidence of carcinogenicity.  |
| Reproductive toxicity  | Calculation method : Not classified.<br>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 Information on other hazards</b>   | Endocrine disrupting properties: List II: Substances under evaluation for endocrine disruption under an EU legislation 1222-05-5, 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. |

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|  |  |
|--|--|
| <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 Endocrine disrupting properties</b>    | Listed in: List II: Substances under evaluation for endocrine disruption under an EU legislation 1222-05-5 (Environment) |
| <b>12.7 Other adverse effects</b>              | Not known.   |

### SECTION 13: DISPOSAL CONSIDERATIONS

|                                     |   |
|-------------------------------------|---|
| <b>13.1 Waste treatment methods</b> | Dispose at suitable refuse site.  |
| <b>13.2 Additional Information</b>  | Disposal should be in accordance with local, state or national legislation. |

### SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

|   |                                       |
|---|---------------------------------------|
| <b>14.1 UN number or ID number</b>                                  | Not applicable.                       |
| <b>14.2 UN proper shipping name</b>                                 | Not applicable.                       |
| <b>14.3 Transport hazard class(es)</b>                              | Not applicable.                       |
| <b>14.4 Packing group</b>   | Not applicable.                       |
| <b>14.5 Environmental hazards</b>                                   | Not classified as a Marine Pollutant. |
| <b>14.6 Special precautions for user</b>                            | Not known.                            |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not known.                            |

### SECTION 15: REGULATORY INFORMATION

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

|   |  |
|---|--|
| European Regulations - Authorisations and/or Restrictions On Use  |  |
| Candidate List of Substances of Very High Concern for Authorisation   | Not listed   |
| REACH: ANNEX XIV list of substances subject to authorisation  | Not listed   |
| REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | Ethanol (64-17-5), Propan-2-ol (67-63-0), Butanone (78-93-3), 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyrangalaxolide(HHCB) (1222-05-5) |
| Community Rolling Action Plan (CoRAP)   | Butanone (78-93-3), 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (1222-05-5)   |
| Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants                             | Not listed   |
| Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer   | Not listed   |
| Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals       | Not listed   |
| <b>National regulations</b>   |  |
| Other   | Not known.   |
| <b>15.2 Chemical Safety Assessment</b>  | Not applicable.  |

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**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1-16

**LEGEND**

Hazard Pictogram(s)



GHS07  
GHS02: GHS: Flame  
GHS05: GHS: Corrosion  
GHS09: GHS: Environment

Hazard classification

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

Hazard Statement(s)

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.

Precautionary Statement(s)

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.

Acronyms

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

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP) data used to compile the SDS

**INEOS Surface Spray Pink Grapefruit + Pomelo**

Disclaimers

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