



ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

1.1 Product identifier

Product Name INEOS Hand Sanitiser Spray (Sports).

CAS No. Not applicable. EC No. Not applicable. REACH Registration No. Not applicable.

UFI EF73-EMGC-GVGP-SPCF

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

Identified Use(s) Human Hygiene Biocidal Product.

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Company Identification INEOS Hygienics Limited
Address of Supplier School Aycliffe Lane

Newton Aycliffe Co. Durham United Kingdom

Postal code DL5 6EA

 Telephone
 +44 (0) 20 3205 2923

 E-mail
 ineos.hygienics@ineos.com

Office hours 08:00 - 17:00

1.4 Emergency telephone number

Company +44 (0) 20 3205 2923

National response center, NHS Direct +44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Flam. Liq. 2: Highly flammable liquid and vapour.

Eye Irrit. 2: Causes serious eye irritation.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name INEOS Hand Sanitiser Spray (Sports).

Hazard Pictogram(s)



GHS07

Signal Word(s) Danger

Hazard Statement(s) H225: Highly flammable liquid and vapour.

GHS02

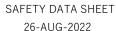
H319: Causes serious eye irritation.

Precautionary Statement(s) P102: Keep out of reach of children.

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.

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P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional Information

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard
INGREDIENT(S)					Pictogram(s)
Ethanol	64-17-5	200-578-6 /	70 - 90	Flam. Liq. 2 H225	GHS02
		01-2119457610-43-XXXX		Eye Irrit. 2 H319	GHS07

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 Unlikely to cause harmful effects.

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

Eye Contact: Irritation, Redness.

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 In case of fire: Use water spray, foam, dry powder or CO_2 to extinguish.

Unsuitable extinguishing media None anticipated.

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and

irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained

breathing apparatus. Water spray should be used to cool containers.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

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

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Keep out of reach of

children.

Handling of larger amounts: Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool.

Storage temperature Ambient.

Storage life Stable under normal conditions. Incompatible materials Alkali metals, Acid anhydrides.

7.3 Specific end use(s)

Human Hygiene Biocidal Product.

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/m³)	STEL (ppm)	STEL	Note
					(mg/m³)	
Ethanol	64-17-5	1000	1920			

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

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.

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Skin protection Not normally required.



Respiratory protection No personal respiratory protective equipment normally required.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Liquid.

Colour: Colourless.

Odour Alcohol odour.

Odour threshold Not established.
pH Not available.

Melting point/freezing point Not applicable.

 $\begin{tabular}{ll} Initial boiling point and boiling range & 78 ° C \\ Flash Point & $\leq 23 ° C$ \\ Evaporation rate & Not available. \\ Flammability (solid, gas) & Not applicable. \\ Upper/lower flammability or explosive & Not available. \\ \end{tabular}$

imit

Vapour pressure Not available. Vapour density Not available. Density (g/ml) Not available. Relative density $857 \text{ kg/m}^3 @ 20^\circ \text{ C}$

Solubility (ies) Solubility (Water): Completely miscible with water.

Solubility (Other): Not available.

Partition coefficient: n-octanol/water -0.35 @ 20° C (Ethanol)

Auto-ignition temperature Not available.

Decomposition Temperature (° C) Not available.

Viscosity Not available.

Explosive properties Not explosive.

Oxidising properties Not oxidising.

9.2 Other information

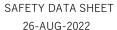
None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

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10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

Alkali metals, Acid anhydrides.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion Low oral toxicity.

Ethanol: LD50 (rat): 7060 mg/kg

Acute toxicity - Skin Contact Low acute toxicity.

Ethanol: LD50 > 15800 mg/kg

Acute toxicity - Inhalation Low acute toxicity.

Ethanol: LC50 (rat): 51 mg/l

Skin corrosion/irritation Non-irritant.

Serious eye damage/irritation Causes serious eye irritation. No data.

Germ cell mutagenicity There is no evidence of mutagenic potential.

Carcinogenicity No evidence of carcinogenicity.

Reproductive toxicity No evidence of reproductive effects.

Lactation Not classified.

STOT - single exposure None anticipated.

STOT - repeated exposure None anticipated.

Aspiration hazard Not classified.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates Low toxicity to invertebrates.

Ethanol: LC50 (Fresh water): 5012 mg/l

Toxicity - Fish Low toxicity to fish.

Ethanol: LC50: 11200 mg/l

Toxicity - Algae Low toxicity to algae.

Ethanol: EC50 (Fresh water): 275 mg/l

Toxicity - Sediment Compartment Not classified.

Toxicity - Terrestrial Compartment Not classified.

12.2 Persistence and degradability

The product is biodegradable.

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Ethanol: Readily biodegradable.

12.3 Bioaccumulative potential

The product has low potential for bioaccumulation.

12.4 Mobility in soil

Completely miscible with water. The product is predicted to have high mobility in

soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

Not known.

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

14.1 UN number

UN No. 1170

14.2 UN proper shipping name

UN proper shipping name ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class

ADR Classification Code

Special Provisions

Limited Quantities

Excepted Quantities

E2

Emergency Action Code

3

AUR Classification Code

F1

144 601

Limited Quantities

E2

Emergency Action Code

•2YE

Mixed Packing Instructions for

P001 IBC02 R001

Packages

Mixed Packing Instructions for MP19

Packages

Packing Instructions for Portable Tanks T4
Special Provisions for Portable Tanks TP1
Tank Code for Tanks LGBF
Vehicle for Tank Carriage FL
ADR Transport Category 2
Tunnel Restriction Code D/E
Special Provisions for Carriage - S2 S20

Operation

ADR HIN 33

IMDG

IMDG Class 3

Special Provisions 144 601

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Limited Quantities 1 L
Excepted Quantities E2

Mixed Packing Instructions for P001 IBC02 R001

Packages

Packing Instructions for Portable Tanks T4
Special Provisions for Portable Tanks TP1
IMDG EMS F-E, S-D
Stowage and Handling Category A

Labels

Labels 3



14.4 Packing group

Packing group I

14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

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

No information available

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 Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed

subject to authorisation

REACH: Annex XVII Restrictions on the Ethanol (64-17-5)

manufacture, placing on the market and use of certain dangerous substances,

mixtures and articles

Community Rolling Action Plan Not listed

(CoRAP)

Regulation (EC) N° 850/2004 of the Not listed

European Parliament and of the Council

on persistent organic pollutants

Regulation (EC) N° 1005/2009 on Not listed

substances that deplete the ozone layer

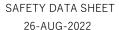
Regulation (EU) N° 649/2012 of the Not listed

European Parliament and of the Council concerning the export and import of

hazardous chemicals

National regulations

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Other Not known.

15.2 Chemical Safety Assessment

Not applicable.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2, 7, 16

LEGEND

Hazard Pictogram(s)





Hazard classification

Flam. Liq. 2: Flammable liquid, Category 2

Eye Irrit. 2: Serious eye damage/irritation, Category 2

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

Precautionary Statement(s)

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/equipment.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

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.

P370+P378: In case of fire: Use water spray, foam, dry powder or CO₂ to

extinguish.

P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ADN: European Agreement concerning the International Carriage of Dangerous

Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous

Goods by Road

CAS: Chemical Abstracts Service

 $\ensuremath{\mathsf{CLP}}$: Regulation (EC) No 1272/2008 on classification, labelling and packaging of

substances and mixtures

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DNEL: Derived No Effect Level EC: European Community

IATA: International Air Transport Association

IBC: Intermediate Bulk Container

IMDG: International Maritime Dangerous Goods

LTEL: Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals RID: Regulations concerning the International Carriage of Dangerous Goods by

Rail

STEL : Short term exposure limit STOT : Specific Target Organ Toxicity

UN: United Nations

vPvB: very Persistent and very Bioaccumulative

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