

INEOS Next Gen Non Bio Laundry Liquid Cotton + Linen Breeze

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 Next Gen Non Bio Laundry Liquid Cotton + Linen Breeze
Unique Formula Identifier (UFI) UFI: 5HV9-Q3YQ-PR07-78JW

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

Identified Use(s) Laundry Detergent.
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
DL5 6EA
Postal code
Telephone +44 (0) 1325 804 370
E-mail cc.hygienics@ineos.com
Office hours 08:00 - 17:00

1.4 Emergency telephone number

National response centre, NHS Direct +44 111 (24 hours / 7 days)
NPIC (IE) +353 01 837 9964 or 01 809 2566 (24 hours / 7 days) doctors and healthcare professionals only
NPIC (IE) +353 01 809 2166 (8:00 am – 10:00 pm / 7 days) Public Poisons Information Line
For NI, please contact your local GP

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 According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567
INEOS Next Gen Non Bio Laundry Liquid Cotton + Linen Breeze
Hazard Pictogram(s)



Signal Word(s) GHS07
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) UFI: 5HV9-Q3YQ-PR07-78JW

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 INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8 01-2119488639-16-XXXX	≥ 5 - <10	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 3 H412	GHS05 GHS07
Fatty acids, coco, potassium salts	61789-30-8	263-049-9	≥1 - <3	Skin Irrit. 2 H315 Eye Irrit. 2 H319	GHS07
sodium hydroxide	1310-73-2	215-185-5 01-2119457892-27-XXXX	<0.1	Met. Corr. 1 H290 Skin Corr. 1A H314 Eye Dam. 1 H318	GHS05

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Diphenyl ether	101-84-8	202-981-2 01-2119472545-33-XXXX	<0.1	Eye Irrit. 2 H319 Aquatic Acute 1 H400 Aquatic Chronic 3 H412	GHS07 GHS09
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HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	Eye Dam. 1	C>= 10 <= 100		
		Eye Irrit. 2	C>= 5 < 10		
sodium hydroxide	1310-73-2	Skin Corr. 1A	C>= 5 <= 100		
		Skin Corr. 1B	C>= 2 < 5		
		Skin Irrit. 2	C>= 0.50 < 2		
		Eye Irrit. 2	C>= 0.50 < 2		

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 Unlikely to cause harmful effects. Wash with plenty of 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. Flush spill area with copious amounts of water.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep out of reach of children. 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)

Laundry Detergent.

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 ³)	STEL (ppm)	STEL (mg/m ³)	Note
Sodium hydroxide	1310-73-2				2	
Diphenyl ether	101-84-8	1	7	2	14	

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

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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	Liquid.
Colour	Colour : Opaque.
Odour	Fresh Linen.
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)	Non-flammable.
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.
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.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

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

None anticipated.

10.5 Incompatible materials

None anticipated.

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10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 250000
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 1000000
Acute toxicity - Inhalation	Calculation method : Not classified. Calculated acute toxicity estimate (ATE) Calc ATE – 7500
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.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	There is no evidence of mutagenic potential. 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.

11.2 Other information

None anticipated.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic life. No data.

12.2 Persistence and degradability

The product is 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

None 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

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 applicable

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

Not applicable

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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 Not listed
 UK REACH Restrictions List (Annex XVII) Fatty acids, coco, potassium salts (61789-30-8)
 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 Not listed
 The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583) Not listed
 The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended Not listed
 European Regulations - Authorisations and/or Restrictions On Use
 Community Rolling Action Plan (CoRAP) Not listed

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
 GHS05: GHS: Corrosion
 GHS09: GHS: Environment

Hazard classification

Met. Corr. 1 : Substance or mixture corrosive to metals, Category 1
 Skin Corr. 1A : Skin corrosion/irritation, Category 1A
 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
 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1
 Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H290: May be corrosive to metals.
 H314: Causes severe skin burns and eye damage.
 H315: Causes skin irritation.
 H318: Causes serious eye damage.
 H319: Causes serious eye irritation.
 H400: Very toxic to aquatic life.
 H412: Harmful to aquatic life with long lasting effects.

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.

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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 data used to compile the SDS GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

Training Advice

Regular safety training as appropriate

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