

## INEOS Non-biological Laundry Detergent Rhubarb & Tonka

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 Non-biological Laundry Detergent Rhubarb & Tonka  
 Unique Formula Identifier (UFI) 3Y75-QSXT-M50J-DPEV

#### 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  
 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 center, 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 Non-biological Laundry Detergent Rhubarb & Tonka  
 Hazard Pictogram(s)



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.  
 3Y75-QSXT-M50J-DPEV

Unique Formula Identifier (UFI) 3Y75-QSXT-M50J-DPEV

#### 2.3 Other hazards

Patch testing confirms this product is not irritating to skin and suitable for sensitive skin.

This product contains: 118-58-1 (Endocrine disrupting properties)

#### 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. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8	≥ 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
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1	500-220-1	<1	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
Reaction mass of: 2-ethylhexyl mono-D-glucopyranoside; 2-ethylhexyl di-D-glucopyranoside		414-420-0	<0.5	Eye Dam. 1 H318	GHS05

### INEOS Non-biological Laundry Detergent Rhubarb & Tonka

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	51981-21-6	257-573-7	<0.3	Met. Corr. 1 H290 Skin Corr. 1A H314 Eye Dam. 1 H318	GHS05
Isopentyl acetate	123-92-2	204-662-3	<0.1	Flam. Liq. 3 H226	GHS02
Bronopol	52-51-7	200-143-0	<0.1	Acute Tox. 3 H301 Acute Tox. 4 H312 Skin Irrit. 2 H315 Eye Dam. 1 H318 Acute Tox. 3 H331 STOT SE 3 H335 Aquatic Acute 1 H400 (M-factor = 10) Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09
Sodium hydroxide	1310-73-2	215-185-5	<0.1	Met. Corr. 1 H290 Skin Corr. 1A H314 Eye Dam. 1 H318	GHS05
Benzyl salicylate	118-58-1	204-262-9	<0.1	Skin Sens. 1B H317 Eye Irrit. 2 H319 Aquatic Chronic 3 H412	GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	Eye Dam. 1	C <sub>2</sub> = 10 ≤ 100
		Eye Irrit. 2	C <sub>2</sub> = 5 < 10
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	Skin Irrit. 2	C <sub>2</sub> > 30 ≤ 100
		Eye Dam. 1	C <sub>2</sub> > 12 ≤ 30
		Eye Dam. 1	C <sub>2</sub> > 30 ≤ 100
Sodium hydroxide	1310-73-2	Skin Corr. 1A	C <sub>2</sub> = 5 ≤ 100
		Skin Corr. 1B	C <sub>2</sub> = 2 < 5
		Skin Irrit. 2	C <sub>2</sub> = 0.50 < 2
		Eye Irrit. 2	C <sub>2</sub> = 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

Absorb 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.

## INEOS Non-biological Laundry Detergent Rhubarb & Tonka

### 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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Sodium hydroxide	1310-73-2				2	
Pentyl acetates (all isomers)	123-92-2	50	270	100	541	

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.



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: Viscous liquid.  
 Colour: Clear, Darker Pink/ Purple.  
 Odour: Fruity / floral.  
 Odour threshold: Not available.  
 pH: 7.8 – 8.8  
 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 Non-biological Laundry Detergent Rhubarb & Tonka

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.

### 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	Patch testing confirms this product is not irritating to skin and suitable for sensitive skin.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation. No data.
Skin sensitization data	Calculation method : Not classified. Patch testing confirms this product is not irritating to skin and suitable for sensitive skin.
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.

### 11.2 Other information

Endocrine disrupting properties: List II: Substances under evaluation for endocrine disruption under an EU legislation 118-58-1 (Human health)

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Harmful to aquatic life.

Toxicity - Aquatic invertebrates	No data.
Toxicity - Fish	No data.
Toxicity - Algae	No data.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

### 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.

## INEOS Non-biological Laundry Detergent Rhubarb & Tonka

### 12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

### 12.6 Other adverse effects

Listed in: List II: Substances under evaluation for endocrine disruption under an EU legislation 118-58-1 (Environment)

## 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) Fatty acids, coco, potassium salts (61789-30-8), Benzyl salicylate (118-58-1),

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) Benzyl salicylate (118-58-1)

### 15.2 Chemical Safety Assessment

United Kingdom

Not applicable.

**INEOS Non-biological Laundry Detergent Rhubarb & Tonka**

**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  
GHS06: GHS: Skull and crossbones  
GHS09: GHS: Environment

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3  
Met. Corr. 1 : Substance or mixture corrosive to metals, Category 1  
Acute Tox. 3 : Acute toxicity, Category 3  
Acute Tox. 4 : Acute toxicity, Category 4  
Skin Corr. 1A : Skin corrosion/irritation, Category 1A  
Skin Irrit. 2 : Skin corrosion/irritation, Category 2  
Skin Sens. 1B : Skin sensitization, Category 1B  
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  
Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H226: Flammable liquid and vapour.  
H290: May be corrosive to metals.  
H301: Toxic if swallowed.  
H312: Harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H331: Toxic if inhaled.  
H335: May cause respiratory irritation.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.  
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.

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

**INEOS Non-biological Laundry Detergent Rhubarb & Tonka**

Key literature references and sources for GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567 data used to compile the SDS

Disclaimers

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.  
INEOS 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.