



## Enhance Anti Gum

Revision: 2023-05-04

Version: 02.3

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Trade name:** Enhance Anti Gum

UFI: HJ27-Y0G3-S00A-39GR

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

**Product use:** Carpet / Upholstery cleaner.  
Hard surface cleaner.  
For professional use only.

**Uses advised against:** Uses other than those identified are not recommended.

#### SWED - Sector-specific worker exposure description :

AISE\_SWED\_PW\_10\_1  
AISE\_SWED\_PW\_13\_2  
AISE\_SWED\_PW\_19\_1

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

Diversey Europe Operations BV, Maarssebroeksedijk 2, 3542DN Utrecht, The Netherlands

#### Contact details

Diversey Ltd  
Weston Favell Centre, Northampton NN3 8PD, United Kingdom  
Tel: 01604 405311, Fax: 01604 406809  
Regulatory Email: customerservice.uk@diversey.com

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)  
For medical or environmental emergency only:  
call 0800 052 0185

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

EUH066

#### 2.2 Label elements

##### Hazard statements:

EUH066 - Repeated exposure may cause skin dryness or cracking.

#### 2.3 Other hazards

No other hazards known.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
naphtha (petroleum), hydrotreated heavy	918-481-9	64742-48-9	01-2119457273-39	Asp. Tox. 1 (H304) EUH066		50-75
(2-methoxymethylethoxy)propanol	252-104-2	34590-94-8	01-2119450011-60	Not classified as hazardous		20-30
alkyl alcohol alkoxylate	[4]	111905-53-4	[4]	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)		3-10

## Enhance Anti Gum

Workplace exposure limit(s), if available, are listed in subsection 8.1.  
ATE, if available, are listed in section 11.  
[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.  
For the full text of the H and EUH phrases mentioned in this Section, see Section 16..

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Inhalation:** Get medical attention or advice if you feel unwell.  
**Skin contact:** If skin irritation occurs: Get medical advice or attention.  
**Eye contact:** Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical attention.  
**Ingestion:** Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.  
**Self-protection of first aider:** Consider personal protective equipment as indicated in subsection 8.2.

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

**Inhalation:** No known effects or symptoms in normal use.  
**Skin contact:** Repeated exposure may cause skin dryness or cracking.  
**Eye contact:** No known effects or symptoms in normal use.  
**Ingestion:** No known effects or symptoms in normal use.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Carbon dioxide. Dry powder. Sand. Alcohol-resistant foam. Do not use water.

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

No special hazards known.

### 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

## SECTION 6: Accidental release measures

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

No special measures required.

### 6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water.

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

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

### 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Measures to prevent fire and explosions:

No special precautions required.

#### Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

#### Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash hands before breaks and at the end of workday. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

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

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

### 7.3 Specific end use(s)

No specific advice for end use available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters  
Workplace exposure limits**

Air limit values, if available:

Ingredient(s)	UK - Long term value(s)	UK - Short term value(s)
(2-methoxymethylethoxy)propanol	50 ppm 308 mg/m <sup>3</sup>	150 ppm 924 mg/m <sup>3</sup>

Biological limit values, if available:

**Recommended monitoring procedures, if available:**

Additional exposure limits under the conditions of use, if available:

**DNEL/DMEL and PNEC values****Human exposure**

DNEL/DMEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	-	-	-	36
alkyl alcohol alkoxylate	No data available	No data available	No data available	No data available

DNEL/DMEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	No data available	-	No data available	283
alkyl alcohol alkoxylate	No data available	No data available	No data available	No data available

DNEL/DMEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	No data available	-	No data available	15
alkyl alcohol alkoxylate	No data available	No data available	No data available	No data available

DNEL/DMEL inhalatory exposure - Worker (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	-	-	-	308
alkyl alcohol alkoxylate	No data available	No data available	No data available	No data available

DNEL/DMEL inhalatory exposure - Consumer (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	-	-	-	37.2
alkyl alcohol alkoxylate	No data available	No data available	No data available	No data available

**Environmental exposure**

Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	19	1.9	190	4168
alkyl alcohol alkoxylate	No data available	No data available	No data available	No data available

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	70.2	7.02	2.74	190
alkyl alcohol alkoxylate	No data available	No data available	No data available	No data available

## Enhance Anti Gum

## 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

**Appropriate engineering controls:** No special requirements under normal use conditions.  
**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

## REACH use scenarios considered for the undiluted product:

	SWED - Sector-specific worker exposure description	LCS	PROC	Duration (min)	ERC
Manual application by brushing, wiping or mopping	AISE_SWED_PW_10_1	PW	PROC 10	480	ERC8a
Manual application by dipping, soaking, pouring	AISE_SWED_PW_13_2	PW	PROC 13	60	ERC8a
Manual application	AISE_SWED_PW_19_1	PW	PROC 19	480	ERC8a

## Personal protective equipment

**Eye / face protection:** Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 166).

**Hand protection:** No special requirements under normal use conditions.

**Body protection:** No special requirements under normal use conditions.

**Respiratory protection:** No special requirements under normal use conditions.

**Environmental exposure controls:** No special requirements under normal use conditions.

## SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

Information in this section refers to the product, unless it is specifically stated that substance data is listed

## Method / remark

**Physical state:** Liquid

**Colour:** Clear , Colourless

**Odour:** Product specific Apple

**Odour threshold:** Not applicable

**Melting point/freezing point (°C):** Not determined

Not relevant to classification of this product

**Initial boiling point and boiling range (°C):** Not determined

See substance data

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
naphtha (petroleum), hydrotreated heavy	179-213.9	Method not given	
(2-methoxymethylethoxy)propanol	189.6	Method not given	1013
alkyl alcohol alkoxylate	No data available		

## Method / remark

**Flammability (solid, gas):** Not applicable to liquids

**Flammability (liquid):** Not flammable.

**Flash point (°C):** ≈ 60 °C

closed cup

**Sustained combustion:** The product does not sustain combustion

Weight of evidence

( UN Manual of Tests and Criteria, section 32, L.2 )

**Lower and upper explosion limit/flammability limit (%):** Not determined

See substance data

Substance data, flammability or explosive limits, if available:

Ingredient(s)	Lower limit (% vol)	Upper limit (% vol)
naphtha (petroleum), hydrotreated heavy	0.7	6
(2-methoxymethylethoxy)propanol	1.1	14

## Method / remark

**Autoignition temperature:** Not determined

**Decomposition temperature:** Not applicable.

**pH:** Not applicable No information available.

**Kinematic viscosity:** < > 474 mm<sup>2</sup>/s (40 °C)

**Solubility in / Miscibility with water:** Not miscible or difficult to mix

Substance data, solubility in water

## Enhance Anti Gum

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
naphtha (petroleum), hydrotreated heavy	Insoluble		
(2-methoxymethylethoxy)propanol	Soluble	Method not given	20
alkyl alcohol alkoxylate	No data available		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

**Vapour pressure:** Not determined

**Method / remark**

See substance data

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
naphtha (petroleum), hydrotreated heavy	30-93		0
(2-methoxymethylethoxy)propanol	5500	Method not given	20
alkyl alcohol alkoxylate	No data available		

**Relative density:**  $\approx$  0.85 (20 °C)

**Relative vapour density:** No data available.

**Particle characteristics:** No data available.

**Method / remark**

OECD 109 (EU A.3)

Not relevant to classification of this product

Not applicable to liquids.

**9.2 Other information****9.2.1 Information with regard to physical hazard classes**

**Explosive properties:** Not explosive. Vapours may form explosive mixtures with air.

**Oxidising properties:** Not oxidising.

**Corrosion to metals:** Not corrosive

**9.2.2 Other safety characteristics**

No other relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**

Stable under normal storage and use conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known under normal storage and use conditions.

**10.4 Conditions to avoid**

None known under normal storage and use conditions.

**10.5 Incompatible materials**

None known under normal use conditions.

**10.6 Hazardous decomposition products**

None known under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Mixture data:

**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:

**Acute toxicity**

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE (mg/kg)
naphtha (petroleum), hydrotreated heavy	LD <sub>50</sub>	> 5000	Rat	Method not given		Not established

## Enhance Anti Gum

(2-methoxymethylethoxy)propanol	LD <sub>50</sub>	> 5000	Rat	OECD 401 (EU B.1)		Not established
alkyl alcohol alkoxylate	LD <sub>50</sub>	≥ 300-2000	Rat	Method not given		10000

## Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE (mg/kg)
naphtha (petroleum), hydrotreated heavy	LD <sub>50</sub>	> 5000	Rabbit	Method not given		Not established
(2-methoxymethylethoxy)propanol	LD <sub>50</sub>	9510	Rabbit	Method not given		Not established
alkyl alcohol alkoxylate		No data available				Not established

## Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
(2-methoxymethylethoxy)propanol	LC <sub>0</sub>	> 1.667 (vapour) No mortality observed	Rat		7
alkyl alcohol alkoxylate		No data available			

## Acute inhalative toxicity, continued

Ingredient(s)	ATE - inhalation, dust (mg/l)	ATE - inhalation, mist (mg/l)	ATE - inhalation, vapour (mg/l)	ATE - inhalation, gas (mg/l)
naphtha (petroleum), hydrotreated heavy	Not established	Not established	Not established	Not established
(2-methoxymethylethoxy)propanol	Not established	Not established	Not established	Not established
alkyl alcohol alkoxylate	Not established	Not established	Not established	Not established

## Irritation and corrosivity

## Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	Mild irritant			
(2-methoxymethylethoxy)propanol	Not irritant		Method not given	
alkyl alcohol alkoxylate	Mild irritant	Rabbit	OECD 404 (EU B.4)	

## Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	Not corrosive or irritant			
(2-methoxymethylethoxy)propanol	Not corrosive or irritant		Method not given	
alkyl alcohol alkoxylate	Irritant	Rabbit	OECD 405 (EU B.5)	

## Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
(2-methoxymethylethoxy)propanol	No data available			
alkyl alcohol alkoxylate	No data available			

## Sensitisation

## Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy	Not sensitising			
(2-methoxymethylethoxy)propanol	Not sensitising		Method not given	
alkyl alcohol alkoxylate	No data available			

## Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
(2-methoxymethylethoxy)propanol	No data available			
alkyl alcohol alkoxylate	No data available			

## CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

## Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
naphtha (petroleum), hydrotreated heavy	No data available		No data available	

## Enhance Anti Gum

(2-methoxymethylethoxy)propanol	No evidence for mutagenicity, negative test results	Method not given	No data available	
alkyl alcohol alkoxylate	No data available		No data available	

## Carcinogenicity

Ingredient(s)	Effect
naphtha (petroleum), hydrotreated heavy	No data available
(2-methoxymethylethoxy)propanol	No evidence for carcinogenicity, negative test results
alkyl alcohol alkoxylate	No data available

## Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
naphtha (petroleum), hydrotreated heavy			No data available				
(2-methoxymethylethoxy)propanol			No data available				No evidence for reproductive toxicity
alkyl alcohol alkoxylate			No data available				

## Repeated dose toxicity

## Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
naphtha (petroleum), hydrotreated heavy		No data available				
(2-methoxymethylethoxy)propanol		No data available				
alkyl alcohol alkoxylate		No data available				

## Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
naphtha (petroleum), hydrotreated heavy		No data available				
(2-methoxymethylethoxy)propanol		No data available				
alkyl alcohol alkoxylate		No data available				

## Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
naphtha (petroleum), hydrotreated heavy		No data available				
(2-methoxymethylethoxy)propanol		No data available				
alkyl alcohol alkoxylate		No data available				

## Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
naphtha (petroleum), hydrotreated heavy			No data available					
(2-methoxymethylethoxy)propanol			No data available					
alkyl alcohol alkoxylate			No data available					

## STOT-single exposure

Ingredient(s)	Affected organ(s)
naphtha (petroleum), hydrotreated heavy	No data available
(2-methoxymethylethoxy)propanol	No data available
alkyl alcohol alkoxylate	No data available

## STOT-repeated exposure

Ingredient(s)	Affected organ(s)
naphtha (petroleum), hydrotreated heavy	No data available
(2-methoxymethylethoxy)propanol	No data available
alkyl alcohol alkoxylate	No data available

## Enhance Anti Gum

**Aspiration hazard**

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

**Potential adverse health effects and symptoms**

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

**11.2 Information on other hazards****11.2.1 Endocrine disrupting properties**

Endocrine disrupting properties - Human data, if available:

**11.2.2 Other information**

No other relevant information available.

**SECTION 12: Ecological information****12.1 Toxicity**

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

**Aquatic short-term toxicity**

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
(2-methoxymethylethoxy)propanol	LC <sub>50</sub>	> 1000	<i>Poecilia reticulata</i>	Method not given	96
alkyl alcohol alkoxylate	LC <sub>50</sub>	> 1 - 10	<i>Leuciscus idus</i>	Method not given	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
(2-methoxymethylethoxy)propanol	EC <sub>50</sub>	1919	<i>Daphnia magna Straus</i>	Method not given	48
alkyl alcohol alkoxylate	EC <sub>50</sub>	> 1 - 10	<i>Daphnia magna Straus</i>	Method not given	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
(2-methoxymethylethoxy)propanol	EC <sub>50</sub>	> 969	<i>Selenastrum capricornutum</i>	Method not given	72
alkyl alcohol alkoxylate		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
naphtha (petroleum), hydrotreated heavy		No data available			
(2-methoxymethylethoxy)propanol		No data available			
alkyl alcohol alkoxylate		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
naphtha (petroleum), hydrotreated heavy		No data available			
(2-methoxymethylethoxy)propanol	EC <sub>10</sub>	4168	<i>Pseudomonas putida</i>	Method not given	
alkyl alcohol alkoxylate	EC <sub>10</sub>	> 1000	Activated sludge	DEV-L2	

**Aquatic long-term toxicity**



## Enhance Anti Gum

## Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
naphtha (petroleum), hydrotreated heavy		No data available				
(2-methoxymethylethoxy)propanol		No data available				
alkyl alcohol alkoxyate		No data available				

## Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
naphtha (petroleum), hydrotreated heavy		No data available				
(2-methoxymethylethoxy)propanol	NOEC	> 0.5	<i>Daphnia magna</i>	Method not given	22 day(s)	
alkyl alcohol alkoxyate	NOEC	> 0.1 - 1	<i>Daphnia magna</i>	OECD 202	21 day(s)	

## Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
naphtha (petroleum), hydrotreated heavy		No data available				
(2-methoxymethylethoxy)propanol		No data available				
alkyl alcohol alkoxyate		No data available				

**Terrestrial toxicity**

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

**12.2 Persistence and degradability****Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Ingredient(s)	Half-life time	Method	Evaluation	Remark
(2-methoxymethylethoxy)propanol	< 1 day(s)	Method not given	Rapidly photodegradable	

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

**Biodegradation**

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT <sub>50</sub>	Method	Evaluation
naphtha (petroleum), hydrotreated heavy	Activated sludge, aerobe		80 %	OECD 301F	Readily biodegradable, without 10 day window
(2-methoxymethylethoxy)propanol		Oxygen depletion	75 % in 28 day(s)	OECD 301F	Readily biodegradable
alkyl alcohol alkoxyate	Activated sludge, aerobe	CO <sub>2</sub> production	> 60 % in 28 day(s)	OECD 301B	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
naphtha (petroleum), hydrotreated	No data available			

## Enhance Anti Gum

heavy			
(2-methoxymethylethoxy)propanol	1.01	Method not given	Low potential for bioaccumulation
alkyl alcohol alkoxyate	No data available		

## Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
naphtha (petroleum), hydrotreated heavy	No data available				
(2-methoxymethylethoxy)propanol	No data available				
alkyl alcohol alkoxyate	No data available				

## 12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
naphtha (petroleum), hydrotreated heavy	No data available				
(2-methoxymethylethoxy)propanol	No data available				High potential for mobility in soil
alkyl alcohol alkoxyate	No data available				

## 12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

## 12.6 Endocrine disrupting properties

Endocrine disrupting properties - Environmental effects, if available:

## 12.7 Other adverse effects

No other adverse effects known.

**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

**Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**European Waste Catalogue:**

16 03 05\* - organic wastes containing dangerous substances.

**Empty packaging****Recommendation:**

Dispose of observing national or local regulations.

**SECTION 14: Transport information****Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)**

14.1 UN number or ID number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Maritime transport in bulk according to IMO instruments: Non-dangerous goods

**Other relevant information:****ADR**

Hazard identification number: -

**SECTION 15: Regulatory information**

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

**National regulations :**

- Regulation (EC) 1907/2006 - REACH (UK amended)
- Regulation (EC) 1272/2008 - CLP (UK amended)
- Regulation (EC) 648/2004 - Detergents regulation (UK amended)
- Delegated Regulation (EU) 2017/2100 and Regulation (EU) 2018/605 (UK amended)
- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Maritime Dangerous Goods (IMDG) Code

## Enhance Anti Gum

**Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII):** Not applicable.

**Ingredients according to Detergents Regulation**

aliphatic hydrocarbons	>= 30 %
non-ionic surfactants	< 5 %
perfumes , Hexyl Cinnamal	

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents (UK amended). Data to support this assertion are held at the disposal of the competent authorities of the UK and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Comah - classification:** Not classified

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out on the mixture

## SECTION 16: Other information

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

**SDS code:** MSDSGB6710

**Version:** 02.3

**Revision:** 2023-05-04

**Reason for revision:**

This data sheet contains changes from the previous version in section(s):, 1, 6, 7, 8, 9, 16, Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006

**Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

**Abbreviations and acronyms:**

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- ATE - Acute Toxicity Estimate
- DNEL - Derived No Effect Limit
- EC50 - effective concentration, 50%
- ERC - Environmental release categories
- EUH - CLP Specific hazard statement
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LCS - Life cycle stage
- LD50 - Lethal Dose, 50% / Median Lethal dose
- NOAEL - No observed adverse effect level
- NOEL - No observed effect level
- OECD - Organisation for Economic Cooperation and Development
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- PROC - Process categories
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- H302 - Harmful if swallowed.
- H304 - May be fatal if swallowed and enters airways.
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.
- H412 - Harmful to aquatic life with long lasting effects.
- EUH066 - Repeated exposure may cause skin dryness or cracking.

**End of Safety Data Sheet**