

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

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

1.1 Product identifier

Trade name : KIMCARE® Antibacterial Hand Cleanser
Product code : 6334

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

Use of the Sub-stance/Mixture : Skin-care, Biocidal product
Recommended restrictions on use : For professional users only.

1.3 Details of the supplier of the safety data sheet

Company : Kimberly-Clark Europe Limited
40 London Road
Reigate
Surrey RH2 9QP
United Kingdom
Telephone : +44 1737 736000
Telefax : +44 1737 736670
E-mail address Responsible/issuing person : sdscontact@kcc.com

1.4 Emergency telephone number

: +44 1865 407333
This telephone number is available 24 hours per day, 7 days per week.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Specific target organ toxicity - single exposure, Category 3 , Respiratory system	H335: May cause respiratory irritation.
Acute aquatic toxicity, Category 1	H400: Very toxic to aquatic life.
Chronic aquatic toxicity, Category 1	H410: Very toxic to aquatic life with long lasting effects.

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H335 May cause respiratory irritation.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements :

Prevention:

P273 Avoid release to the environment.
P261 Avoid breathing vapours.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P391 Collect spillage.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

2-aminoethanol

Additional Labelling:

EUH208 Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

KIMCARE® Antibacterial Hand Cleanser

Version 3.4 Revision Date: 30.03.2017 MSDS Number: 190000002388 Date of last issue: 28.03.2017
Date of first issue: 27.11.2014

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
cumene, monosulpho derivative, sodium salt	32073-22-6 250-913-5	Eye Irrit. 2; H319	>= 10 - < 20
Citric acid	77-92-9 201-069-1	Eye Irrit. 2; H319	>= 5 - < 10
2-aminoethanol	141-43-5 205-483-3	Acute Tox. 4; H302 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335 Aquatic Chronic 3; H412	>= 5 - < 10
Triclosan	3380-34-5 222-182-2	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0.25 - < 1
Substances with a workplace exposure limit :			
Propylene Glycol	57-55-6 200-338-0		>= 5 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Not required under normal use.
- In case of skin contact : This product is intended for use as a hand cleanser and is expected to contact the skin.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- If swallowed : Not required under normal use.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No hazards which require special first aid measures.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No hazards which require special first aid measures.

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.
Material can create slippery conditions.

6.2 Environmental precautions

Environmental precautions : Do not allow uncontrolled discharge of product into the environment.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : No special precautions required.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed in a dry, cool and well-

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

KIMCARE® Antibacterial Hand Cleanser

Version 3.4 Revision Date: 30.03.2017 MSDS Number: 190000002388 Date of last issue: 28.03.2017
Date of first issue: 27.11.2014

areas and containers ventilated place.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Skin-care
Biocidal product

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Propylene Glycol	57-55-6	TWA (particles)	10 mg/m ³	GB EH40
Further information	Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used			
		TWA (Total vapour and particles)	150 ppm 474 mg/m ³	GB EH40
Further information	Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used			
2-aminoethanol	141-43-5	TWA	1 ppm 2.5 mg/m ³	2006/15/EC
Further information	Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	3 ppm 7.6 mg/m ³	2006/15/EC
Further information	Identifies the possibility of significant uptake through the skin, Indicative			
		TWA	1 ppm 2.5 mg/m ³	GB EH40
Further information	Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	3 ppm 7.6 mg/m ³	GB EH40
Further information	Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

8.2 Exposure controls

Personal protective equipment

Eye protection : Not required under normal use.

Skin and body protection : Not required under normal use.

Respiratory protection : No personal respiratory protective equipment normally required.

Protective measures : No special protective equipment required.

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	gel
Colour	:	light yellow
Odour	:	mild
pH	:	5.4 - 5.6
Melting point/range	:	< -6 °C
Boiling point/boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	The product is not flammable.
Solubility(ies)		
Water solubility	:	completely soluble
Partition coefficient: n-octanol/water	:	No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	Stable under recommended storage conditions. No decomposition if used as directed.
---------------------	---	---

10.4 Conditions to avoid

Conditions to avoid	:	No information available.
---------------------	---	---------------------------

10.5 Incompatible materials

Materials to avoid	:	None.
--------------------	---	-------

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

10.6 Hazardous decomposition products

Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Product:

- Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method
- Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method
- Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

Components:

Citric acid:

- Acute oral toxicity : LD50 Oral (Mouse, male and female): 5,400 mg/kg
Method: OECD Test Guideline 401
GLP: no
- Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes

2-aminoethanol:

- Acute dermal toxicity : Acute toxicity estimate: 1,100 mg/kg
Method: Converted acute toxicity point estimate

Triclosan:

- Acute oral toxicity : LD50 (Rat, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 401
GLP: yes
- Acute dermal toxicity : LD50 (Rabbit, male and female): > 6,000 mg/kg
Method: No information available.
GLP: no

Propylene Glycol:

- Acute oral toxicity : LD50 Oral (Rat, male and female): 22,000 mg/kg
Method: Acute toxicity estimate
GLP: no

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

Acute inhalation toxicity : LC50 (Rabbit): > 317,042 mg/m³
Exposure time: 2 h
Method: No information available.
GLP: no

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2,000 mg/kg
Method: No information available.
GLP: no

Skin corrosion/irritation

Not classified based on available information.

Product:

Species: Rabbit
Assessment: No skin irritation
Result: No skin irritation

Components:

Citric acid:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: yes

Triclosan:

Species: Rabbit
Assessment: Irritating to skin.
Method: Draize Test
Result: Skin irritation
GLP: no

Propylene Glycol:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: No information available.

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Species: Rabbit
Assessment: No eye irritation
Result: Mild eye irritation

Components:

cumene, monosulpho derivative, sodium salt:

Result: Eye irritation

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

Citric acid:

Species: Rabbit
Method: OECD Test Guideline 405
Result: Eye irritation
GLP: yes

Triclosan:

Species: Rabbit
Assessment: Irritating to eyes.
Method: OECD Test Guideline 405
Result: Eye irritation
GLP: no

Propylene Glycol:

Species: Rabbit
Method: OECD Test Guideline 405
Result: No eye irritation
GLP: No information available.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks: Based on available data, the classification criteria are not met.

Components:

2-aminoethanol:

Species: Guinea pig
Result: Did not cause sensitisation on laboratory animals.

Triclosan:

Test Type: Buehler Test
Species: Guinea pig
Method: OECD Test Guideline 406
Result: Causes sensitisation.
GLP: yes

Propylene Glycol:

Test Type: Maximisation Test
Species: Guinea pig
Method: OECD Test Guideline 406
Result: Did not cause sensitisation on laboratory animals.
GLP: No information available.

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

Germ cell mutagenicity

Not classified based on available information.

Product:

Germ cell mutagenicity- Assessment : Contains no ingredient listed as a mutagen

Carcinogenicity

Not classified based on available information.

Product:

Carcinogenicity - Assessment : Contains no ingredient listed as a carcinogen

Reproductive toxicity

Not classified based on available information.

Product:

Reproductive toxicity - Assessment : Contains no ingredient listed as toxic to reproduction

STOT - single exposure

May cause respiratory irritation.

Components:

2-aminoethanol:

Exposure routes: Inhalation
Target Organs: Respiratory Tract
Assessment: May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Product:

Remarks: No data available

Aspiration toxicity

Not classified based on available information.

Product:

May be harmful if swallowed and enters airways.

Further information

Product:

Remarks: Health injuries are not known or expected under normal use.

KIMCARE® Antibacterial Hand Cleanser

Version 3.4 Revision Date: 30.03.2017 MSDS Number: 190000002388 Date of last issue: 28.03.2017
Date of first issue: 27.11.2014

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : Remarks: No information available.
Toxicity to daphnia and other aquatic invertebrates : Remarks: No information available.
Toxicity to algae : Remarks: No information available.

Components:

Citric acid:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l
Exposure time: 96 h
Test Type: static test
Method: No information available.
GLP: no
Toxicity to daphnia and other aquatic invertebrates : EC50 (Lamellibranchia (mussel)): > 50 mg/l
Exposure time: 48 h
Test Type: static test
Method: see user defined free text
GLP: no

2-aminoethanol:

Toxicity to fish : LC50 : 349 mg/l
Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates : EC50 : 32.6 mg/l
Exposure time: 48 h
Toxicity to algae : EC50 : 24.7 mg/l
Exposure time: 72 h
Toxicity to fish (Chronic toxicity) : NOEC: > 100 mg/l
Exposure time: 14 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.85 mg/l
Exposure time: 21 d

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Triclosan:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 0.54 mg/l
Exposure time: 96 h

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

Test Type: static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): > 0.18 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae : EC50 (*Desmodesmus subspicatus* (*Scenedesmus subspicatus*)): 0.17 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201
GLP: yes

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Propylene Glycol:

Toxicity to fish : LC50 (*Oncorhynchus mykiss* (rainbow trout)): 40,613 mg/l
Exposure time: 96 h
Test Type: static test
Method: No information available.
GLP: no

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Americamysis*): 18,800 mg/l
Exposure time: 96 h
Test Type: static test
Method: No information available.
GLP: yes

Toxicity to algae : EC50 (*Pseudokirchneriella subcapitata* (green algae)): 24,200 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201
GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 13,020 mg/l
Exposure time: 7 d

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: No information available.

12.3 Bioaccumulative potential

Components:

Triclosan:

Partition coefficient: n-octanol/water : log Pow: 4.9

12.4 Mobility in soil

Product:

Mobility : Remarks: No information available.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : Remarks: Based on available data, the classification criteria are not met.

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Do not re-use empty containers.

SECTION 14: Transport information

14.1 UN number

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

ADR : UN 3082
IMDG : UN 3082
IATA : UN 3082

14.2 UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
IATA : Environmentally hazardous substance, liquid, n.o.s.

14.3 Transport hazard class(es)

ADR : 9
IMDG : 9
IATA : 9

14.4 Packing group

ADR
Packing group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9
Tunnel restriction code : (E)

IMDG
Packing group : III
Labels : 9
EmS Code : F-A, S-F

IATA
Packing instruction (cargo aircraft) : 964
Packing instruction (LQ) : Y964
Packing group : III
Labels : Miscellaneous

14.5 Environmental hazards

ADR
Environmentally hazardous : no

IMDG
Marine pollutant : no

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : No information available.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

9a	Dangerous for the environment	Quantity 1 100 t	Quantity 2 200 t
----	-------------------------------	---------------------	---------------------

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

Full text of H-Statements

H302 : Harmful if swallowed.
H312 : Harmful in contact with skin.
H314 : Causes severe skin burns and eye damage.
H315 : Causes skin irritation.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H332 : Harmful 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.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Aquatic Acute : Acute aquatic toxicity
Aquatic Chronic : Chronic aquatic toxicity
Eye Dam. : Serious eye damage
Eye Irrit. : Eye irritation
Skin Corr. : Skin corrosion
Skin Irrit. : Skin irritation
STOT SE : Specific target organ toxicity - single exposure

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; AICS - Australian Inventory of Chemical Substances; ASTM - American Society

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

KIMCARE® Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 28.03.2017
3.4	30.03.2017	190000002388	Date of first issue: 27.11.2014

for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN