SPAM Universal Cleaner (Apple)

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

1.1. Product identifier

SPAM Universal Cleaner (Apple)

UFI: 86UM-TGGD-DR9E-57NT

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

Use of the substance/mixture

Washing and cleaning products

1.3. Details of the supplier of the safety data sheet

Company name: SCHOLL Concepts GmbH
Polish & Pad Manufaktur
Street: Maybachstrasse 7
Place: D-71686 Remseck
Telephone: +49 (0) 7141 29299 - 0 Telefax: +49 (0) 7141 29299 - 10
E-mail: sds@schollconcepts.com
Contact person: Labor
Internet: www.schollconcepts.com

1.4. Emergency telephone number: +49 (0) 89 19240 (Giftnotruf Technische Universität München)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) Nr. 1272/2008

Skin Irrit. 2; H315
Eye Dam. 1; H318
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) Nr. 1272/2008

Hazard components for labelling

This product has been treated with biocides for preservation.
Quaternary ammonium compound, ethoxylated
1-aminopropan-2-ol
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether
Alkohols ,C9-C11, ethoxylated

Signal word: Danger

SPAM Universal Cleaner (Apple)

Pictograms:



Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P102	Keep out of reach of children.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P332+P313	If skin irritation occurs: Get medical advice/attention.
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.
P501	Dispose of waste according to applicable legislation.

Special labelling of certain mixtures

EUH208	Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). May produce an allergic reaction.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SPAM Universal Cleaner (Apple)

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) Nr. 1272/2008)			
78-96-6	1-aminopropan-2-ol			1 - < 5 %
	201-162-7	603-082-00-1	01-2119475331-43	
	Acute Tox. 4, Skin Corr. 1B; H312 H314			
68989-03-7	Quaternary ammonium compound, ethoxylated			1 - < 5 %
	Eye Dam. 1, Aquatic Chronic 2; H318 H411			
166736-08-9	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether			1 - < 5 %
	605-450-7			
	Acute Tox. 4, Eye Dam. 1; H302 H318			
7320-34-5	tetrapotassium pyrophosphate			1 - < 5 %
	230-785-7		01-2119489369-18	
	Eye Irrit. 2; H319			
169107-21-5	Alcohols, C9-11-branched,ethoxylated			1 - < 5 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)			< 0.0015 %
	611-341-5	613-167-00-5		
	Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071			

Full text of H and EUH statements: see section 16.

SPAM Universal Cleaner (Apple)

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
78-96-6	201-162-7	1-aminopropan-2-ol	1 - < 5 %
	dermal: LD50 = >1000-2000 mg/kg; oral: LD50 = 2813 mg/kg		
68989-03-7		Quaternary ammonium compound, ethoxylated	1 - < 5 %
	oral: LD50 = >2000 mg/kg		
166736-08-9	605-450-7	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	1 - < 5 %
	oral: LD50 = >300-2000 mg/kg		
7320-34-5	230-785-7	tetrapotassium pyrophosphate	1 - < 5 %
	dermal: LD50 = >7940 mg/kg; oral: LD50 = >2000 mg/kg		
169107-21-5		Alcohols, C9-11-branched,ethoxylated	1 - < 5 %
	oral: LD50 = 300-2000 mg/kg		
55965-84-9	611-341-5	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)	< 0.0015 %
	inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = >141 mg/kg; oral: LD50 = 66 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100 Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=100		

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % cationic surfactants, < 5 % non-ionic surfactants, < 5 % phosphates, < 5 % amphoteric surfactants, perfumes, preservation agents (Methylchloroisothiazolinone/Methylisothiazolinone).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

IF exposed or concerned: Call a doctor. When in doubt or if symptoms are observed, get medical advice. Remove contaminated, saturated clothing immediately.

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam. Dry extinguishing powder. Carbon dioxide (CO2). Water spray jet. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Gases/vapours, corrosive

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

For non-emergency personnel

Remove all sources of ignition.Remove persons to safety. Ventilate affected area. Wear personal protection equipment (refer to section 8).

For emergency responders

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Use personal protection equipment. Material, alkali-resistant

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

For containment

Stop leak if safe to do so. Cover drains. Collect spillage. Collect in closed and suitable containers for disposal.

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Use non-sparking tools. Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Handle and open container with care.

Advice on protection against fire and explosion

No special fire protection measures are necessary. Only use the material in places where open light, fire and other flammable sources can be kept away.

Advice on general occupational hygiene

Wear protective gloves/protective clothing and eye protection/face protection. Take off contaminated clothing and wash it before reuse. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes. Wash hands before breaks and after work. Draw up and observe skin protection programme.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

Hints on joint storage

Do not store together with: Oxidising agent. Strong acid. Strong alkali.

Further information on storage conditions

Recommended storage temperature: 15-25°C

7.3. Specific end use(s)

Automotive care products

SECTION 8: Exposure controls/personal protection

SPAM Universal Cleaner (Apple)

8.1. Control parameters

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
78-96-6	1-aminopropan-2-ol			
Consumer DNEL, long-term		oral	systemic	0,28 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	3,6 mg/m³
Consumer DNEL, long-term		inhalation	systemic	0,88 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,51 mg/kg bw/day
7320-34-5	tetrapotassium pyrophosphate			
Consumer DNEL, long-term		oral	systemic	>70 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	2,79 mg/m³
Consumer DNEL, long-term		inhalation	systemic	0,68 mg/m³

PNEC values

CAS No	Substance	
Environmental compartment		Value
78-96-6	1-aminopropan-2-ol	
Freshwater		0,032 mg/l
Marine water		0,0032 mg/l
Freshwater sediment		0,226 mg/kg
Marine sediment		0,023 mg/kg
Micro-organisms in sewage treatment plants (STP)		3,3 mg/l
Soil		0,026 mg/kg
7320-34-5	tetrapotassium pyrophosphate	
Freshwater		0,05 mg/l
Freshwater (intermittent releases)		0,5 mg/l
Marine water		0,005 mg/l
Micro-organisms in sewage treatment plants (STP)		50 mg/l

8.2. Exposure controls

SPAM Universal Cleaner (Apple)




Appropriate engineering controls

Use only in well-ventilated areas. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye protection/face protection. Suitable eye protection: Eye glasses with side protection (EN 166)

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Tested protective gloves must be worn.
Recommended glove articles: Rotiprotect Nitril eco, Thickness of the glove material 0,1 mm, level 1 < 10 min. (DIN EN 374)).

Skin protection

Wear suitable protective clothing.

Respiratory protection

Warning! In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

No special environmental measures are necessary. Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid	
Colour:	white	
Odour:	fruity	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		100 °C
Flammability:		not applicable
		not applicable
Lower explosion limits:		not determined
Upper explosion limits:		not determined

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Flash point:	>100 °C
Auto-ignition temperature:	335 °C
Decomposition temperature:	not determined
pH-Value (at 20 °C):	10,4
Viscosity / kinematic: (at 40 °C)	<20,5 mm²/s
Water solubility: (at 20 °C)	completely miscible
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure: (at 20 °C)	not determined
Density (at 20 °C):	1,03 g/cm³
Relative vapour density:	not determined

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties

Not oxidising.

Other safety characteristics

Viscosity / dynamic: (at 20 °C)	10 - 100 mPa·s

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

10.5. Incompatible materials

Oxidising agent. Strong acid. Strong alkali.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

SPAM Universal Cleaner (Apple)

11.1. Information on hazard classes as defined in CLP Regulation

Toxicocinetics, metabolism and distribution

No information available.

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
78-96-6	1-aminopropan-2-ol				
	oral	LD50 2813 mg/kg	Rat	ECHA	OECD 401
	dermal	LD50 >1000-2000 mg/kg	Rabbit	ECHA	
68989-03-7	Quaternary ammonium compound, ethoxylated				
	oral	LD50 >2000 mg/kg	Rat		
166736-08-9	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether				
	oral	LD50 >300-2000 mg/kg	Rat		
7320-34-5	tetrapotassium pyrophosphate				
	oral	LD50 >2000 mg/kg	Rat	IUCLID	
	dermal	LD50 >7940 mg/kg	Rabbit		
169107-21-5	Alcohols, C9-11-branched,ethoxylated				
	oral	LD50 300-2000 mg/kg	Rat	Data obtained by analogy conclusion, e.g. QSAR.	
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)				
	oral	LD50 66 mg/kg	Rat	Thor	
	dermal	LD50 >141 mg/kg		Thor	
	inhalation vapour	ATE 0,5 mg/l			
	inhalation dust/mist	ATE 0,05 mg/l			

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/eye irritation: Causes serious eye damage.

Sensitising effects

Based on available data, the classification criteria are not met.
Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Specific effects in experiment on an animal

No information available.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SPAM Universal Cleaner (Apple)

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
78-96-6	1-aminopropan-2-ol						
	Acute fish toxicity	LC50	215-464 mg/l	96 h	Leuciscus idus	ECHA	DIN 38412 part 15
	Acute crustacea toxicity	EC50	108,8 mg/l	48 h	Daphnia	IUCLID	
68989-03-7	Quaternary ammonium compound, ethoxylated						
	Acute fish toxicity	LC50	6 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute crustacea toxicity	EC50	23 mg/l	48 h	Daphnia magna (Big water flea)		
166736-08-9	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether						
	Acute fish toxicity	LC50	>10-100 mg/l	96 h	Danio rerio (zebrafish)		OECD 203
	Acute algae toxicity	ErC50	>10-100 mg/l	72 h	Scenedesmus subspicatus		OECD 201
	Acute crustacea toxicity	EC50	>10-100 mg/l	48 h	Daphnia magna (Big water flea)		OECD 202
7320-34-5	tetrapotassium pyrophosphate						
	Acute fish toxicity	LC50	>100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA	
	Acute algae toxicity	ErC50	>100 mg/l	72 h	Desmodesmus subspicatus	ECHA	
	Acute crustacea toxicity	EC50	>100 mg/l	48 h	Daphnia magna (Big water flea)	ECHA	
	Fish toxicity	NOEC	100 mg/l	96 d	Oncorhynchus mykiss (Rainbow trout)	ECHA	
	Crustacea toxicity	NOEC	>100 mg/l	3 d	Desmodesmus subspicatus	ECHA	
	Acute bacteria toxicity	EC50	>1000 mg/l ( )	3 h	Activated sludge		OECD 209
169107-21-5	Alcohols, C9-11-branched,ethoxylated						
	Acute fish toxicity	LC50	10-100 mg/l	96 h			
	Acute algae toxicity	ErC50	>10 mg/l	72 h			
	Acute crustacea toxicity	EC50	>10 mg/l	48 h			
	Algae toxicity	NOEC	>1 mg/l	3 d			
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)						

SPAM Universal Cleaner (Apple)

	Acute fish toxicity	LC50 mg/l	0,22	96 h	Oncorhynchus mykiss (Rainbow trout)	Thor	OECD 203
	Acute algae toxicity	ErC50 mg/l	0,048	72 h	Pseudokirchneriella subcapitata	Thor	OECD 201
	Acute crustacea toxicity	EC50	0,1 mg/l	48 h	Daphnia magna (Big water flea)	Thor	OECD 202
	Fish toxicity	NOEC mg/l	0,098	28 d	Oncorhynchus mykiss (Rainbow trout)	Thor	OECD 210
	Algae toxicity	NOEC mg/l	0,0012	3 d	Pseudokirchneriella subcapitata	Thor	OECD 201
	Crustacea toxicity	NOEC mg/l	0,004	21 d	Daphnia magna (Big water flea)	Thor	OECD 211
	Acute bacteria toxicity	EC50 mg/l ( )	7,92	3 h	Activated sludge		OECD 209

12.2. Persistence and degradability

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
78-96-6	1-aminopropan-2-ol			
	OECD 306F	60%	3	ECHA
	Readily biodegradable (according to OECD criteria).			
166736-08-9	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether			
	OECD 301B; ISO 9439; 92/69/EWG, C.4-C, aerob	> 60 %	28	
	Readily biodegradable (according to OECD criteria).			
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)			
	OECD 301 A	>70 %	28	Thor
	Readily biodegradable (according to OECD criteria).			
	OECD 301 D	>60%		Thor
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

BCF

CAS No	Chemical name	BCF	Species	Source
78-96-6	1-aminopropan-2-ol	0,11		
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)	3,16		EPIWIN, S 1177

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.
The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

This material and its container must be disposed of as hazardous waste. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

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14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

Directive 2010/75/EU on industrial emissions:	3,061 % (31,527 g/l)
Directive 2004/42/EC on VOC in paints and varnishes:	3,096 % (31,886 g/l)
Information according to Directive 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)

Additional information

To follow: 850/2004/EC, 1107/2009/EC, 649/2012/EC.

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
Water hazard class (D):	2 - obviously hazardous to water

Substance/product listed in the following inventories

EU / Schweiz	yes
Taiwan	unknown
New Zealand	no
USA	yes
Canada	yes
Australia	yes
Japan	unknown
China	yes
Korea	no
Philippines	unknown

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 6,7,9,15.

Abbreviations and acronyms

Acute Tox. 2: Acute toxicity, hazard category 2
Skin Corr. 1B: Skin corrosion, sub-category 1B
Skin Irrit. 2: Skin irritation, hazard category 2
Eye Dam. 1: Serious eye damage, hazard category 1
Eye Irrit. 2: Eye irritation, hazard category 2
Skin Sens. 1A: Skin sensitisation, hazard category 1A
Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

SPAM Universal Cleaner (Apple)

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
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.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.
EUH208	Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). May produce an allergic reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

SPAM Universal Cleaner (Apple)

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Industrial use of vehicle cleaning products	IS	-	-	7, 10, 17	4	-	-	
2	Formulation or re-packing	F	-	-	8a, 9	2	-	-	
3	Professional use of vehicle cleaning products	PW	-	-	10, 11, 17	8a	-	-	
4	Consumer use of washing and cleaning products	C	-	35	-	8a	-	-	

LCS: Life cycle stages
SU: Sectors of use
PC: Product categories
PROC: Process categories
ERC: Environmental release categories
AC: Article categories
TF: Technical functions

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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