RIM7 Rim Cleaning Gel

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

1.1. Product identifier

RIM7 Rim Cleaning Gel

UFI: J2TM-7GH7-DR9Y-KT2Y

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
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

Acute Tox. 4; H302
Eye Dam. 1; H318
Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) Nr. 1272/2008

Hazard components for labelling

sodium mercaptoacetate 98%
Alkohols ,C9-C11, ethoxylated
Amides, coco, n-(hydroxyethyl), ethoxylated
orange extract, sweet

Signal word: Danger

RIM7 Rim Cleaning Gel

Pictograms:



Hazard statements

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

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.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315	Get immediate medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of waste according to applicable legislation.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

RIM7 Rim Cleaning Gel

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) Nr. 1272/2008)			
367-51-1	sodium mercaptoacetate 98%			10 - < 15 %
	206-696-4		01-2119968564-24	
	Met. Corr. 1, Acute Tox. 3, Acute Tox. 4, Skin Sens. 1B, Aquatic Chronic 3; H290 H301 H312 H317 H412			
112-34-5	2-(2-butoxyethoxy)ethano			1 - < 5 %
	203-961-6	603-096-00-8		
	Eye Irrit. 2; H319			
169107-21-5	Alcohols, C9-11-branched,ethoxylated			1 - < 5 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			
68425-44-5	Amides, coco, n-(hydroxyethyl), ethoxylated			1 - < 5 %
	Eye Dam. 1; H318			
68439-46-3	Alkohols ,C9-C11, ethoxylated			1 - < 5 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			
164462-16-2	Trisodium 2-[bis(carboxylatomethyl)amino]propanoate			< 1 %
	423-270-5		01-0000016977-53	
	Met. Corr. 1; H290			
8028-48-6	orange extract, sweet			< 1 %
	232-433-8		01-2119493353-35	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Chronic 2; H226 H315 H317 H304 H411			

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

RIM7 Rim Cleaning Gel

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
367-51-1	206-696-4	sodium mercaptoacetate 98%	10 - < 15 %
	dermal: LD50 = >1000 mg/kg; oral: LD50 = 50-200 mg/kg		
112-34-5	203-961-6	2-(2-butoxyethoxy)ethano	1 - < 5 %
	dermal: LD50 = 2764 mg/kg; oral: LD50 = 5660 mg/kg		
169107-21-5		Alcohols, C9-11-branched,ethoxylated	1 - < 5 %
	oral: LD50 = 300-2000 mg/kg		
68425-44-5		Amides, coco, n-(hydroxyethyl), ethoxylated	1 - < 5 %
	oral: LD50 = >2000 mg/kg		
68439-46-3		Alkohols ,C9-C11, ethoxylated	1 - < 5 %
	oral: LD50 = >300 mg/kg		
164462-16-2	423-270-5	Trisodium 2-[bis(carboxylatomethyl)amino]propanoate	< 1 %
	dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg		
8028-48-6	232-433-8	orange extract, sweet	< 1 %
	dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg		

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures are necessary. When in doubt or if symptoms are observed, get medical advice.

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. In case of skin reactions, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

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, irritant. Hydrogen sulphide (H2S). Sulphur oxides

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

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. Wear anti-static footwear and clothing Material, solvent-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 Protect against: UV-radiation/sunlight

7.3. Specific end use(s)

Automotive care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

RIM7 Rim Cleaning Gel

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL

RIM7 Rim Cleaning Gel

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
367-51-1	sodium mercaptoacetate 98%			
Consumer DNEL, long-term		dermal	systemic	0,161 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	1,97 mg/m³
Worker DNEL, long-term		dermal	systemic	1,35 mg/kg bw/day
Worker DNEL, long-term		dermal	local	0,004 mg/cm²
Consumer DNEL, long-term		oral	systemic	0,1 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,348 mg/m³
112-34-5	2-(2-butoxyethoxy)ethano			
Worker DNEL, long-term		inhalation	local	67,5 mg/m³
Consumer DNEL, long-term		oral	systemic	6,25 mg/kg bw/day
Worker DNEL, acute		inhalation	local	101,2 mg/m³
164462-16-2	Trisodium 2-[bis(carboxylatomethyl)amino]propanoate			
Consumer DNEL, acute		inhalation	local	20 mg/m³
Worker DNEL, acute		inhalation	local	40 mg/m³
Consumer DNEL, long-term		inhalation	systemic	20 mg/m³
Worker DNEL, acute		dermal	systemic	2000 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	170 mg/kg bw/day
Worker DNEL, long-term		inhalation	local	4 mg/m³
Worker DNEL, acute		dermal	local	2000 mg/cm²
Worker DNEL, acute		inhalation	systemic	40 mg/m³
Consumer DNEL, long-term		dermal	systemic	25 mg/kg bw/day
Consumer DNEL, acute		dermal	systemic	400 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	17 mg/kg bw/day
Consumer DNEL, long-term		inhalation	local	2 mg/m³
Worker DNEL, long-term		inhalation	systemic	40 mg/m³
8028-48-6	orange extract, sweet			
Worker DNEL, long-term		dermal	systemic	8,89 mg/kg bw/day

RIM7 Rim Cleaning Gel

Worker DNEL, acute	dermal	local	0,185 mg/cm²
Worker DNEL, long-term	inhalation	systemic	31,1 mg/m³
Consumer DNEL, long-term	oral	systemic	4,44 mg/kg bw/day
Consumer DNEL, long-term	dermal	systemic	4,44 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	7,78 mg/m³
Consumer DNEL, acute	dermal	local	0,0929 mg/cm²

RIM7 Rim Cleaning Gel

PNEC values

CAS No	Substance
Environmental compartment	Value
367-51-1	sodium mercaptoacetate 98%
Freshwater	0,01 mg/l
Marine water	0,001 mg/l
Freshwater sediment	0,039 mg/kg
Marine sediment	0,0039 mg/kg
Micro-organisms in sewage treatment plants (STP)	10 mg/l
Soil	0,002 mg/kg
112-34-5	2-(2-butoxyethoxy)ethano
Freshwater	1,1 mg/l
Marine water	0,11 mg/l
Freshwater sediment	4,4 mg/kg
Marine sediment	0,44 mg/kg
Secondary poisoning	56 mg/kg
Soil	0,32 mg/kg
164462-16-2	Trisodium 2-[bis(carboxylatomethyl)amino]propanoate
Freshwater	2 mg/l
Freshwater (intermittent releases)	1 mg/l
Marine water	0,2 mg/l
Freshwater sediment	24 mg/l
Micro-organisms in sewage treatment plants (STP)	100 mg/l
Soil	2,5 mg/kg
8028-48-6	orange extract, sweet
Freshwater	0,0054 mg/l
Freshwater (intermittent releases)	5,77 mg/l
Marine water	0,0005 mg/l
Freshwater sediment	1,3
Marine sediment	0,13 mg/kg
Soil	0,261 mg/kg

8.2. Exposure controls

RIM7 Rim Cleaning Gel






Appropriate engineering controls

Use only in well-ventilated areas.

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:	pink	
Odour:	characteristic	
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 applicable
Upper explosion limits:		not applicable
Flash point:		>100 °C
Decomposition temperature:		not determined

RIM7 Rim Cleaning Gel

pH-Value (at 20 °C):	8,1
Viscosity / kinematic: (at 40 °C)	>20,5 mm²/s
Water solubility: (at 20 °C)	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure: (at 20 °C)	not determined
Density (at 20 °C):	1,08 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)	110-140 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. Thermally unstable.

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

Strong acid. Strong alkali. Highly oxidising substances.

10.6. Hazardous decomposition products

Hydrogen sulphide (H2S)

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in CLP Regulation

RIM7 Rim Cleaning Gel

Toxicocinetics, metabolism and distribution

No information available.

Acute toxicity

Harmful if swallowed.

ATEmix calculated

ATE (oral) 698,7 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

RIM7 Rim Cleaning Gel

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
367-51-1	sodium mercaptoacetate 98%					
	oral	LD50 mg/kg	50-200	Rat		OECD 423
	dermal	LD50 mg/kg	>1000	Rat		OECD 402
112-34-5	2-(2-butoxyethoxy)ethano					
	oral	LD50 mg/kg	5660	Rat	GESTIS	
	dermal	LD50 mg/kg	2764	Rabbit	ECHA	OECD 402
169107-21-5	Alcohols, C9-11-branched,ethoxylated					
	oral	LD50 mg/kg	300-2000	Rat	Data obtained by analogy conclusion, e.g. QSAR.	
68425-44-5	Amides, coco, n-(hydroxyethyl), ethoxylated					
	oral	LD50 mg/kg	>2000	Rat		
68439-46-3	Alkohols ,C9-C11, ethoxylated					
	oral	LD50 mg/kg	>300			
164462-16-2	Trisodium 2-[bis(carboxylatomethyl)amino]propanoate					
	oral	LD50 mg/kg	>2000	Rat	ECHA	
	dermal	LD50 mg/kg	>2000	Rat	ECHA	
8028-48-6	orange extract, sweet					
	oral	LD50 mg/kg	>5000	Rat	ECHA	OECD 401
	dermal	LD50 mg/kg	>5000	Rabbit	ECHA	OECD 402

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye damage.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (sodium mercaptoacetate 98%; orange extract, sweet)

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.

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

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

RIM7 Rim Cleaning Gel

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
367-51-1	sodium mercaptoacetate 98%						
	Acute fish toxicity	LC50	> 100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		OECD 203
	Acute algae toxicity	ErC50	5,07 mg/l	72 h	Pseudokirchneriella subcapitata		OECD 201
	Acute crustacea toxicity	EC50	42,36 mg/l	48 h	Daphnia magna (Big water flea)		OECD TG 202
	Crustacea toxicity	NOEC	0,54 mg/l	3 d	Pseudokirchneriella subcapitata		OECD 201
	Acute bacteria toxicity	EC50	530 mg/l ( )	3 h	Activated sludge		OECD 209
112-34-5	2-(2-butoxyethoxy)ethano						
	Acute fish toxicity	LC50	1300 mg/l	96 h	Lepomis macrochirus (Bluegill)	ECHA	OECD 203
	Acute algae toxicity	ErC50	1101 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA	OECD 201
	Acute crustacea toxicity	EC50	> 100 mg/l	48 h	Daphnia magna	ECHA	OECD 202
	Algae toxicity	NOEC	>100 mg/l	1 d	Scenedesmus sp.		
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			
68425-44-5	Amides, coco, n-(hydroxyethyl), ethoxylated						
	Acute fish toxicity	LC50	>1 mg/l	96 h	fish		
	Acute algae toxicity	ErC50	>10 mg/l	72 h			
	Acute crustacea toxicity	EC50	>10 mg/l	48 h	Daphnia magna (Big water flea)		
164462-16-2	Trisodium 2-[bis(carboxylatomethyl)amino]propanoate						
	Acute fish toxicity	LC50	>110 mg/l	96 h	Danio rerio (zebrafish)	ECHA	
	Acute algae toxicity	ErC50	>100 mg/l	72 h	Scenedesmus subspicatus	ECHA	
	Acute crustacea toxicity	EC50	>100 mg/l	48 h	Daphnia magna (Big water flea)	ECHA	

	Fish toxicity	NOEC	100 mg/l	28 d	Oncorhynchus mykiss (Rainbow trout)	ECHA	
	Crustacea toxicity	NOEC mg/l	>=100	21 d	Daphnia magna (Big water flea)	ECHA	
8028-48-6	orange extract, sweet						
	Acute fish toxicity	LC50 mg/l	5,65	96 h	Danio rerio (zebrafish)	ECHA	OECD 203
	Acute algae toxicity	ErC50	150 mg/l	72 h	Desmodesmus subspicatus	ECHA	OECD 201
	Acute crustacea toxicity	EC50	1,1 mg/l	48 h	Daphnia magna (Big water flea)	ECHA	OECD 202
	Algae toxicity	NOEC	50 mg/l	3 d	Desmodesmus subspicatus	ECHA	OECD 201

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			
367-51-1	sodium mercaptoacetate 98%			
	OECD 301D	87%	10	
	Readily biodegradable (according to OECD criteria).			
	OECD 301D	70%	28	
	Readily biodegradable (according to OECD criteria).			
112-34-5	2-(2-butoxyethoxy)ethano			
	OECD 301 C	>80 %	28	ECHA
	Readily biodegradable (according to OECD criteria).			
68425-44-5	Amides, coco, n-(hydroxyethyl), ethoxylated			
	OECD 301F	77%	28	
	Readily biodegradable (according to OECD criteria).			
164462-16-2	Trisodium 2-[bis(carboxylatomethyl)amino]propanoate			
	OECD 301 F	80-90%	28	ECHA
	Readily biodegradable (according to OECD criteria).			
8028-48-6	orange extract, sweet			
	OECD 301B	72 %	28	
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
367-51-1	sodium mercaptoacetate 98%	-2,99
112-34-5	2-(2-butoxyethoxy)ethano	0,56

BCF

CAS No	Chemical name	BCF	Species	Source
8028-48-6	orange extract, sweet	32-156		

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

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.

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.

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 55, Entry 75

Directive 2010/75/EU on industrial emissions:	0,108 % (1,169 g/l)
Directive 2004/42/EC on VOC in paints and varnishes:	4,988 % (53,866 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):	1 - slightly hazardous to water

Substance/product listed in the following inventories

EU / Schweiz	yes
Taiwan	unknown
New Zealand	unknown
USA	yes
Canada	yes
Australia	unknown
Japan	unknown
China	yes
Korea	unknown
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): 6,9,15.

Abbreviations and acronyms

Met. Corr. 1: Corrosive to metals, hazard category 1
Flam. Liq. 3: Flammable liquids, hazard category 3
Acute Tox. 3: Acute toxicity, hazard category 3
Asp. Tox. 1: Aspiration hazard, hazard category 1
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. 1: Skin sensitisation, hazard category 1
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2
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%

RIM7 Rim Cleaning Gel

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

Classification	Classification procedure
Acute Tox. 4; H302	Calculation method
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	Calculation method

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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.

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

RIM7 Rim Cleaning Gel

(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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