



RAPID Plus Engine & Chassis Cleaner

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

1.1. Product identifier

RAPID Plus Engine & Chassis Cleaner

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) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Corr. 1

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes severe skin burns and eye damage.

Causes serious eye damage.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

tetrasodium ethylene diamine tetraacetate

disodium metasilicate

Cocamidopropyl betaine

Sodium hydroxide

Signal word: Danger

RAPID Plus Engine & Chassis Cleaner

Pictograms:



Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves and eye/face protection.

P271 Use only outdoors or in a well-ventilated area.

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.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of waste according to applicable legislation.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

**RAPID Plus Engine & Chassis Cleaner****Hazardous components**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	GHS Classification			
64-02-8	tetrasodium ethylene diamine tetraacetate			5 - < 10 %
	200-573-9	607-428-00-2	01-2119486762-27	
	Acute Tox. 4, Acute Tox. 4, Eye Dam. 1, STOT RE 2; H332 H302 H318 H373			
6834-92-0	disodium metasilicate			1 - < 5 %
	229-912-9	014-010-00-8	01-2119449811-37	
	Skin Corr. 1B, STOT SE 3; H314 H335			
61789-40-0	Cocamidopropyl betaine			1 - < 5 %
	931-333-8		01-2119489410-39	
	Eye Dam. 1, Aquatic Chronic 3; H318 H412			
1310-73-2	Sodium hydroxide			< 1 %
	215-185-5		01-2119457892-27	
	Met. Corr. 1, Skin Corr. 1A; H290 H314			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc. Limits, M-factors and ATE			
64-02-8	200-573-9	tetrasodium ethylene diamine tetraacetate	5 - < 10 %	
	inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 = 1780-2000 mg/kg			
6834-92-0	229-912-9	disodium metasilicate	1 - < 5 %	
	dermal: LD50 = >5000 mg/kg; oral: LD50 = 1372 mg/kg			
61789-40-0	931-333-8	Cocamidopropyl betaine	1 - < 5 %	
	dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg			
1310-73-2	215-185-5	Sodium hydroxide	< 1 %	
	dermal: LD50 = 1350 mg/kg; oral: LD50 = >191 mg/kg Skin Corr. 1A; H314: >= 5 - 100 Skin Irrit. 2; H315: >= 0,5 - < 5 Eye Irrit. 2; H319: >= 0,5 - < 5			

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

5 % - < 15 % EDTA and salts thereof, < 5 % amphoteric surfactants, < 5 % non-ionic surfactants.

SECTION 4: First aid measures**4.1. Description of first aid measures**



RAPID Plus Engine & Chassis Cleaner

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. Full protection suit

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



RAPID Plus Engine & Chassis Cleaner

General measures

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

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information

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.

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. Wash hands before breaks and after work. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes.

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.

Further information on handling

Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use.

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 exhaust 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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters



RAPID Plus Engine & Chassis Cleaner

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1310-73-2	Sodium hydroxide	-	2		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64-02-8	tetrasodium ethylene diamine tetraacetate			
Worker DNEL, long-term		inhalation	local	1,5 mg/m ³
Worker DNEL, acute		inhalation	local	3 mg/m ³
Consumer DNEL, long-term		inhalation	local	0,6 mg/m ³
Consumer DNEL, acute		inhalation	local	1,2 mg/m ³
Consumer DNEL, long-term		oral	systemic	25 mg/kg bw/day
6834-92-0	disodium metasilicate			
Worker DNEL, long-term		inhalation	systemic	6,22 mg/m ³
Worker DNEL, long-term		dermal	systemic	1,49 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,55 mg/m ³
Consumer DNEL, long-term		dermal	systemic	0,74 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,74 mg/kg bw/day
61789-40-0	Cocamidopropyl betaine			
Worker DNEL, long-term		inhalation	systemic	8,22 mg/m ³
Worker DNEL, long-term		dermal	systemic	0,33 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,45 mg/m ³
Consumer DNEL, long-term		dermal	systemic	0,833 mg/kg bw/day
1310-73-2	Sodium hydroxide			
Worker DNEL, long-term		inhalation	local	1 mg/m ³
Consumer DNEL, long-term		inhalation	local	1 mg/m ³

RAPID Plus Engine & Chassis Cleaner

PNEC values

CAS No	Substance		Value
64-02-8	tetrasodium ethylene diamine tetraacetate	Environmental compartment	
		Freshwater	2,2 mg/l
		Marine water	0,22 mg/l
		Soil	0,72 mg/kg
6834-92-0	disodium metasilicate	Environmental compartment	
		Freshwater	7,5 mg/l
		Freshwater (intermittent releases)	7,5 mg/l
		Marine water	1 mg/l
61789-40-0	Cocamidopropyl betaine	Environmental compartment	
		Freshwater	0,00032 mg/l
		Marine water	0,00032 mg/l
		Freshwater sediment	0,219 mg/kg
		Marine sediment	0,0219 mg/kg

8.2. Exposure controls



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.

Protective and hygiene measures

Wear protective gloves/protective clothing. Remove contaminated, saturated clothing immediately. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. When using do not smoke. Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray.

Eye/face protection

Wear eye/face protection. Suitable eye protection: Eye glasses with side protection (DIN 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



RAPID Plus Engine & Chassis Cleaner

recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Recommended glove articles : Dermatril P 743, Thickness of the glove material 0,2 mm, level 2 \geq 30 min. (DIN EN 374)

Skin protection

Wear suitable protective clothing.

Respiratory protection

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:	blue
Odour:	characteristic
pH-Value (at 20 °C):	13

Changes in the physical state

Melting point:	not determined
Boiling point or initial boiling point and boiling range:	100 °C
Flash point:	not determined

Flammability

Solid/liquid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined

Self-ignition temperature

Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined

Oxidizing properties

Not oxidising.

Vapour pressure: (at 20 °C)	not determined
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RAPID Plus Engine & Chassis Cleaner

Vapour pressure: (at 50 °C)	not determined
Density:	1,06 g/cm ³
Water solubility:	easily soluble
Solubility in other solvents not determined	
Partition coefficient n-octanol/water:	not determined
Viscosity / dynamic: (at 20 °C)	not determined
Relative vapour density:	not determined
Evaporation rate:	not determined
Solvent content:	not determined

9.2. Other information

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

Frost

10.5. Incompatible materials

Strong acid. Strong alkali. Oxidising agent.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

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

**RAPID Plus Engine & Chassis Cleaner**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-02-8	tetrasodium ethylene diamine tetraacetate				
	oral	LD50 1780-2000 mg/kg	Rat	ECHA	
	inhalation vapour	ATE 11 mg/l			
	inhalation aerosol	ATE 1,5 mg/l			
6834-92-0	disodium metasilicate				
	oral	LD50 mg/kg 1372	Mouse	ECHA	
	dermal	LD50 mg/kg >5000	Rat	ECHA	EPA OPPTS 870.1200
61789-40-0	Cocamidopropyl betaine				
	oral	LD50 mg/kg >5000	Rat	ECHA	OECD 401
	dermal	LD50 mg/kg >2000	Rabbit	ECHA	EPA,2001
1310-73-2	Sodium hydroxide				
	oral	LD50 mg/kg >191	Rat		
	dermal	LD50 mg/kg 1350	Rabbit		

Irritation and corrosivity

Causes severe skin burns and eye damage.

Causes serious eye damage.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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].



RAPID Plus Engine & Chassis Cleaner

SECTION 12: Ecological information

12.1. Toxicity

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

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
6834-92-0	disodium metasilicate					
	Acute fish toxicity	LC50 2320 mg/l	96 h	Gambusia affinis (Mosquito fish)	ECHA	
	Acute algae toxicity	ErC50 207 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA	
	Acute crustacea toxicity	EC50 1700 mg/l	48 h	Daphnia magna (Big water flea)	ECHA	
61789-40-0	Cocamidopropyl betaine					
	Acute fish toxicity	LC50 2 mg/l	96 h	Danio rerio (zebrafish)	ECHA	
	Acute algae toxicity	ErC50 48 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA	OECD 201
	Acute crustacea toxicity	EC50 6,4 mg/l	48 h	Daphnia magna (Big water flea)	ECHA	
1310-73-2	Sodium hydroxide					
	Acute fish toxicity	LC50 45,4 mg/l	96 h	Onchorhynchus mykiss		
	Acute crustacea toxicity	EC50 30-100 mg/l	48 h	Saltwater Shrimp	ECHA	

12.2. Persistence and degradability

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

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64-02-8	tetrasodium ethylene diamine tetraacetate			
	OECD 302E	0-10%	28	ECHA
	Poorly biodegradable.			
61789-40-0	Cocamidopropyl betaine			
	OECD 301D	84%	30	ECHA
	Readily biodegradable (according to OECD criteria).			

**RAPID Plus Engine & Chassis Cleaner****12.3. Bioaccumulative potential**

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
6834-92-0	disodium metasilicate	-0,43

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

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:** UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, SOLID)
14.3. Transport hazard class(es): 8
14.4. Packing group: III
Hazard label: 8



- Classification code: C5
Special Provisions: 274



RAPID Plus Engine & Chassis Cleaner

Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 80
Tunnel restriction code: E

Inland waterways transport (ADN)

14.1. UN number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, SOLID)
14.3. Transport hazard class(es): 8
14.4. Packing group: III
Hazard label: 8



Classification code: C5
Special Provisions: 274
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, SOLID)
14.3. Transport hazard class(es): 8
14.4. Packing group: III
Hazard label: 8



Special Provisions: 223, 274
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, SOLID)
14.3. Transport hazard class(es): 8
14.4. Packing group: III

RAPID Plus Engine & Chassis Cleaner

Hazard label:

8



Special Provisions:

A3 A803

Limited quantity Passenger:

1 L

Passenger LQ:

Y841

Excepted quantity:

E1

IATA-packing instructions - Passenger:

852

IATA-max. quantity - Passenger:

5 L

IATA-packing instructions - Cargo:

856

IATA-max. quantity - Cargo:

60 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No

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

2010/75/EU (VOC): 0,04 % (0,424 g/l)

2004/42/EC (VOC): 0,04 % (0,424 g/l)

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

Regulation (EC) No. 648/2004 (Detergents regulation)

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):

3 - highly hazardous to water

15.2. Chemical safety assessment

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

**RAPID Plus Engine & Chassis Cleaner****Substance/product listed in the following inventories**

EU / Schweiz	yes
Taiwan	unknown
New Zealand	unknown
USA	unknown
Canada	unknown
Australia	unknown
Japan	unknown
China	unknown
Korea	unknown
Philippines	unknown

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 1,2,3,15.

Abbreviations and acronyms

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%

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Corr. 1; H314	On basis of test data
Eye Dam. 1; H318	On basis of test data

Relevant H and EUH statements (number and full text)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.



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RAPID Plus Engine & Chassis Cleaner

H373 May cause damage to organs through prolonged or repeated exposure.
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.

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

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