

Safety Data Sheet

according to UK REACH Regulation

RASCOflex GT761 A-Comp

Revision date: 30.07.2024

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

1.1. Product identifier

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

Use of the substance/mixture

Adhesives and sealants – building and construction works (except cement based adhesives)

1.3. Details of the supplier of the safety data sheet

Company name: Rascor International AG
 Street: Gewerbestrasse 4
 Place: CH-8162 Steinmaur
 Telephone: +41 (0)448571111
 E-mail: info@rascor.com
 E-mail (Contact person): labor@rascor.com
 Internet: www.rascor.com

1.4. Emergency telephone number:

+41 (0)44 857 11 11 (8:00-16:00 Mo-Fr)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Acute Tox. 4; H302
 Skin Irrit. 2; H315
 Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Tris(2-chlor-1-methylethyl)phosphat
 Alcohols, C9-11, branched and linear, ethoxylated

Signal word: Danger

Pictograms:



Hazard statements

H300 Fatal if swallowed.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P310 Immediately call a POISON CENTER/doctor.
 P301+P312 IF SWALLOWED: Call a POISON CENTER if you feel unwell.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P501 Dispose of contents/container to industrial incineration plant.

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2.3. Other hazards

This substance meets the criteria for vPvB and PBT according to Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
13674-84-5	Tris(2-chlor-1-methylethyl)phosphat			20 - < 25 %
	911-815-4		01-2119486772-26	
	Acute Tox. 4; H302			
160901-09-7	Alcohols, C9-11, branched and linear, ethoxylated			5 - < 10 %
	500-446-0			
	Acute Tox. 4, Eye Dam. 1; H302 H318			

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		
13674-84-5	911-815-4	Tris(2-chlor-1-methylethyl)phosphat	20 - < 25 %
	oral: LD50 = 1500 mg/kg		
160901-09-7	500-446-0	Alcohols, C9-11, branched and linear, ethoxylated	5 - < 10 %
	oral: ATE = 500 mg/kg		

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. Medical treatment necessary. move the injured person to fresh air and ensure him or her warmth and peace. If worrisome symptoms occur, call the doctor.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary. take off the contaminated clothes immediately. Rinse the contaminated area with copious amount of water. If worrisome symptoms occur, contact the doctor

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. consult the doctor immediately. Protect eye which remains not irritated and remove contact lenses. Rinse contaminated eye thoroughly with water for 10-15 minutes. Avoid strong jet of water – risk of corneal injury. Put on sterile dressing.

After ingestion

Never give anything by mouth to an unconscious person or a person with cramps. Rinse mouth immediately and drink 1 glass of of water. Do NOT induce vomiting. Adverse human health effects and symptoms: Gastric perforation. Call a physician immediately. do not induce vomiting. Rinse mouth with water. Do not drink alcohol! Never give an unconscious person anything per mouth. Call the doctor immediately, show them the package or the label.

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. The doctor shall decide on further rescue procedures upon prior detailed evaluation of

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the injured person's condition.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Carbon dioxide (CO₂) Extinguishing powder

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

Non-flammable. In fire conditions certain irritating and toxic vapours and gases may be generated: carbon oxides, nitrogen oxides, phosphorus oxides. Avoid inhaling combustion residues, since it may pose a risk for health.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit. General protection measures typical for fire. Do not stay in places where there is a risk of fire without appropriate chemical-resistant clothes and breathing apparatus with independent air circulation. Do not allow extinguishing water to get into sewage system, surface waters and groundwater. Packages which are at risk of fire shall be cooled down from a safe distance with a sprayed jet of water. In temperature over 45°C the product may polymerise. Uncontrolled polymerisation in closed container poses a risk of explosion.

Additional information

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. Limit the access of outside persons to the place of accident until appropriate cleaning procedures are completed. See that accident and its effects are removed entirely by trained staff. In case of larger spillage isolate the area in danger. Use personal protection measures. Avoid skin and eye contamination. Ensure sufficient ventilation. Do not inhale vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of releasing larger quantities of the product take up measures to avoid its spreading around to the natural environment. Notify competent rescue services.

6.3. Methods and material for containment and cleaning up

For containment

Collect the product using materials which absorb liquids (e.g. sand, soil, all-purpose binding substances, silica etc.) and place it in garbage containers in order to dispose of it. Clean up the contaminated place.

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. Collect the product using materials which absorb liquids (e.g. sand, soil, all-purpose binding substances, silica etc.) and place it in garbage containers in order to dispose of it. Clean up the contaminated place.

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

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7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Observe the legal rules concerning protection and safety. Avoid contact with eye and skin. Do not allow the product to get into your mouth. Avoid situation where aerosols are generated. Avoid inhaling vapours. Ensure sufficient general and/or local ventilation. Use personal protection measures.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations. Store in original, properly labelled and tightly closed containers in dry, cool and sufficiently ventilated places.

Hints on joint storage

Do not store together with food products or feed for animals. Recommended storage temperature: 15-25°C. Avoid fire and direct sun insolation. Containers shall be tightly closed until they are open. Already opened containers shall be sealed and stored in vertical position in order to avoid escape of the product.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls



Appropriate engineering controls

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

Suitable eye protection: goggles. Wear safety goggles (with side protection). Safety goggles (with side protection) should fulfil the requirements of EN 166 or similar.

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. Hand protection: If prolonged or frequently repeated skin contact may occur, Wear protective gloves impervious to this material. They are chemical resistant gloves classified according to DIN EN 374 (protective gloves against chemicals and micro-organisms) must be used: Examples of preferred

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glove materials are: Butyl rubber. Ethyl vinyl alcohol laminate ('EVAL'). Acceptable glove materials include: Neoprene. Nitrile / Butadiene rubber ('nitrile' or 'NBR'). For prolonged or repeated contact a glove with protection index 5 or higher is recommended (breakthrough time >240 minutes according to DIN EN 374). For brief contact only, a glove with protection index 1 or higher (breakthrough time >10 minutes according to DIN EN 374). The thickness of the glove material alone is not a sufficient indicator to determine the indicator for determining the level of protection of the glove against chemical chemical substances. The level of protection is also highly dependent on on the specific composition of the material of which the glove is made. protective glove is made of. The thickness of the protective glove must, depending on the thickness must always be more than 0.35 mm, depending on the model and material type, in order to provide sufficient protection in the event of prolonged and frequent contact with the substance. with the substance. In deviation from this general rule, it is known that multi-layered laminate gloves with a thickness of less than 0.35 mm also offer extended protection. protection. However, if only a short contact time with the substance is assumed other glove materials with a thickness of less than 0.35 mm can also provide sufficient protection. less than 0.35 mm can provide adequate protection. CAUTION: When When selecting suitable gloves for a particular use and duration in the workplace should consider all relevant workplace conditions (but not limited to) such as: Handling of other chemicals, physical conditions (protection against physical conditions (protection against cuts and punctures, right-handedness, protection against heat), possible reactions of the body to glove materials and the instructions/specifications of the glove supplier should be considered.

Skin protection

Use of protective clothing. Other protection: In case of prolonged or frequently repeated contact with the material material, impermeable protective clothing must be worn. The wearing of special protective clothing such as face shield, protective gloves, protective footwear, protective apron or protective suit depends on the work process.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Respiratory protection should be worn if the occupational exposure limits should be worn. If there are no occupational exposure limits, in the event of harmful effects such as respiratory irritation or physical discomfort or when indicated by the risk indicated by the risk assessment process, respiratory protection should be worn. In most most cases, respiratory protection should not be necessary. However, if discomfort occurs an approved filtering facepiece respirator should be used. The following CE approved respirator should be used: Cartridge for organic vapours vapours, type A (boiling point > 65 °C, complies with EN 14387).

Thermal hazards

No data available

Environmental exposure controls

See SECTION 7: Handling and storage and SECTION 13: Disposal considerations for measures to prevent overexposure to the environment during use and disposal. during waste disposal.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	light yellow
Odour:	neutral
Melting point/freezing point:	not determined

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Boiling point or initial boiling point and boiling range:	>200 °C
Flammability:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	100 °C
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value:	not determined
Viscosity / kinematic:	not determined
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	1 hPa
(at 20 °C)	
Density:	1.08 g/cm ³
Relative vapour density:	not determined
Particle characteristics:	not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Oxidizing properties

The product is not: oxidising.

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

Exothermic reaction with: Oxidising agent, strong

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Harmful if swallowed.

ATEmix tested

	Dose	Species	Source
LD50, oral	1.515 mg/kg	Rat	

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LD50, dermal >2000 mg/kg Rabbit
LC50, inhalation (vapour) (4 h) >20 mg/l Rat

ATEmix calculated

ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
13674-84-5	Tris(2-chlor-1-methylethyl)phosphat				
	oral	LD50 1500 mg/kg	Rat		
160901-09-7	Alcohols, C9-11, branched and linear, ethoxylated				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Causes skin irritation. (On basis of test data)

Causes serious eye damage. (On basis of test data)

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.

11.2. Information on other hazards

Other information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. Special hazards arising from the substance or mixture!

SECTION 12: Ecological information

12.1. Toxicity

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

The product is not: Ecotoxic.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

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.

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Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

080114 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; sludges from paint or varnish other than those mentioned in 08 01 13

List of Wastes Code - used product

080114 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; sludges from paint or varnish other than those mentioned in 08 01 13

List of Wastes Code - contaminated packaging

080114 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; sludges from paint or varnish other than those mentioned in 08 01 13

Contaminated packaging

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

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

Inland waterways transport (ADN)

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

Marine transport (IMDG)

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

Air transport (ICAO-TI/IATA-DGR)

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

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

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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

Information according to 2012/18/EU
(SEVESO III):

H1 ACUTE TOXIC

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

1 - slightly hazardous to water

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): 1,2,13,14.

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Abbreviations and acronyms

CLP: Classification, labelling and Packaging
 REACH: Registration, Evaluation and Authorization of Chemicals
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
 UN: United Nations
 CAS: Chemical Abstracts Service
 DNEL: Derived No Effect Level
 DMEL: Derived Minimal Effect Level
 PNEC: Predicted No Effect Concentration
 ATE: Acute toxicity estimate
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 LL50: Lethal loading, 50%
 EL50: Effect loading, 50%
 EC50: Effective Concentration 50%
 ErC50: Effective Concentration 50%, growth rate
 NOEC: No Observed Effect Concentration
 BCF: Bio-concentration factor
 PBT: persistent, bioaccumulative, toxic
 vPvB: very persistent, very bioaccumulative
 ADR: Accord européen sur le transport des marchandises dangereuses par Route
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Regulations concerning the international carriage of dangerous goods by rail
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
 IMDG: International Maritime Code for Dangerous Goods
 EmS: Emergency Schedules
 MFAG: Medical First Aid Guide
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organization
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 IBC: Intermediate Bulk Container
 SVHC: Substance of Very High Concern
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).
 Acute Tox: Acute toxicity
 Skin Irrit: Skin irritation
 Eye Dam: Eye damage

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

Classification	Classification procedure
Acute Tox. 4; H302	
Skin Irrit. 2; H315	On basis of test data
Eye Dam. 1; H318	On basis of test data

Relevant H and EUH statements (number and full text)

H300 Fatal if swallowed.
 H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	industrial	-	-	-	-	-	-	-	

LCS: Life cycle stages
PC: Product categories
ERC: Environmental release categories
TF: Technical functions

SU: Sectors of use
PROC: Process categories
AC: Article categories

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