



Safety Data Sheet

in accordance with Regulation (EC) No 2020/878

Activator spray

Revision date: 11.01.2025

Product code: 150126

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

1.1. Product identifier

Activator spray

Product group: Zulieferprodukt
UFI: EW20-305D-S00C-WYXN

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

Use of the substance/mixture

Adhesives, binders

Uses advised against

No further information available.

1.3. Details of the supplier of the safety data sheet

Company name: R&G Faserverbundwerkstoffe GmbH
Composite Technology
Street: Im Meißel 7 - 13
Place: D-71111 Waldenbuch
Post-office box: 1145
D-71107 Waldenbuch
Telephone: +49 (0)7157 5304-60 Telefax: +49 (0)7157 5304-70
E-mail: info@r-g.de
Contact person: Michael Groß
Internet: www.r-g.de
Responsible Department: Management

1.4. Emergency telephone number: Vergiftungs-Informationen-Zentrale Freiburg
Tel: +49 (0)761 19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Aerosol 1; H222-H229
Asp. Tox. 1; H304
Skin Irrit. 2; H315
STOT SE 3; H336
Aquatic Chronic 2; H411

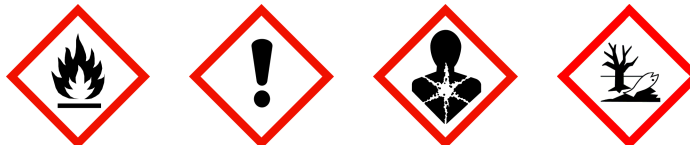
Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Signal word: Danger

Pictograms:



Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.

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H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P271 Use only outdoors or in a well-ventilated area.
P251 Do not pierce or burn, even after use.
P211 Do not spray on an open flame or other ignition source.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P102 Keep out of reach of children.
P101 If medical advice is needed, have product container or label at hand.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties (according to REACH Article 59(1) or Regulation 2017/2100 or Regulation 2018/605) in a concentration of = 0.1 %.

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

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Relevant ingredients**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane			30 – 60%
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
	Hydrocarbons, C6, isoalkanes, <5% n-hexanes			10 – 30%
	931-254-9		01-2119484651-34	
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1; H225 H336 H304			
99-97-8	N,N-dimethyl-p-toluidine			0,1 – 0,99%
	202-805-4	612-056-00-9	01-2119937766-23	
	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT RE 2, Aquatic Chronic 3; H331 H311 H301 H373 H412			

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			
64742-49-0	921-024-6	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane	30 – 60%	
	inhalation: LC50 = 25,2 mg/l (vapours); dermal: LD50 = 2800 - 3100 mg/kg			
	931-254-9	Hydrocarbons, C6, isoalkanes, <5% n-hexanes	10 – 30%	
	oral: LD50 = 5000 mg/kg			
99-97-8	202-805-4	N,N-dimethyl-p-toluidine	0,1 – 0,99%	
	inhalation: LC50 = 1,4 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1650 mg/kg			

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

If you feel unwell, call the Poison Control Centre or a doctor.



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After inhalation

Remove the person to fresh air and ensure unobstructed breathing.

After contact with skin

Wash skin with plenty of water. Remove contaminated clothing. If skin irritation occurs: Seek medical advice/attention.

After contact with eyes

Rinse eyes with water as a precaution.

After ingestion

If you feel unwell, call the Poison Control Centre or a doctor.

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

Possible irritation to skin and mucous membranes. Eye contact may cause irritation. After skin contact: irritation
May cause drowsiness or dizziness.

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

Treat symptomatically. Provide safety data sheet to physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

In case of fire: toxic gases / smoke

5.3. Advice for firefighters

Do not attempt to operate without suitable protective equipment. Wear breathing apparatus with own air supply.
Full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear personal protection equipment (refer to section 8).

For non-emergency personnel

Avoid contact with eyes and skin.

For emergency responders

Protective equipment. Do not attempt to operate without suitable protective equipment.

6.2. Environmental precautions

Avoid release into the environment.

6.3. Methods and material for containment and cleaning up

For containment

Absorb spilled quantities.

For cleaning up

Take up mechanically.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Ensure good ventilation of the workplace. Avoid contact with eyes and skin. Wear personal protective equipment.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a

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well-ventilated area. Avoid inhalation of dust/fume/gas/mist/vapour/aerosol.

Advice on general occupational hygiene

Ensure good ventilation of the workplace. Avoid contact with eyes and skin. Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Store product in a cool, dry and well-ventilated place. Container is under pressure. Protect from sunlight and temperatures above 50°C (e.g. from incandescent lamps). Do not open by force or burn even after use.

7.3. Specific end use(s)

No further information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane			
Worker DNEL, long-term		dermal	systemic	773 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
	Hydrocarbons, C6, isoalkanes, <5% n-hexanes			
Worker DNEL, long-term		dermal	systemic	13964 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	837,5 mg/m ³
Consumer DNEL, acute		inhalation	systemic	1152 mg/m ³
Consumer DNEL, acute		inhalation	local	640 mg/m ³
Consumer DNEL, long-term		dermal	systemic	1377 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	178,57 mg/m ³

8.2. Exposure controls**Appropriate engineering controls**

Ensure good ventilation of the workplace.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Protective goggles

Hand protection

Wear protective gloves.

Skin protection

Wear protective clothing.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.



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Environmental exposure controls

Avoid release into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosol	
Colour:	colourless	
Odour:	characteristic	
Flash point:		<-40 °C
Viscosity / kinematic:		0,39 mm ² /s
Relative density:		0,625

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Pressurised container: May burst if heated. Heating may cause a fire. Extremely flammable aerosol.

Other safety characteristics

Viscosity / dynamic: 0,265 mPa·s

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurized container: May burst if heated.

10.2. Chemical stability

stable under normal conditions

10.3. Possibility of hazardous reactions

No dangerous reactions are known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, no hazardous decomposition products should be formed.

SECTION 11: Toxicological information

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

Acute toxicity

Irritating to eyes and respiratory system. Vapours may cause drowsiness and dizziness. Irritating to respiratory system and skin. Contact may cause skin sensitisation.

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

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane				
	dermal	LD50 2800 - 3100 mg/kg	rat	ECHA	
	inhalation vapour	LC50 25,2 mg/l	rat	ECHA	
	Hydrocarbons, C6, isoalkanes, <5% n-hexanes				
	oral	LD50 5000 mg/kg	rat		
99-97-8	N,N-dimethyl-p-toluidine				
	oral	LD50 1650 mg/kg	rat		OECD 401
	dermal	LD50 > 2000 mg/kg	rabbit		OECD 402
	inhalation vapour	LC50 1,4 mg/l	rat		
	inhalation dust/mist	ATE 0,5 mg/l			

Irritation and corrosivity

Causes skin irritation.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Information on other hazards**Endocrine disrupting properties**

No further information available.

SECTION 12: Ecological information**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane					
	Fish toxicity	NOEC 0,17 mg/l	21 d			
99-97-8	N,N-dimethyl-p-toluidine					
	Acute fish toxicity	LC50 46 mg/l	96 h	Pimephales promelas (fathead minnow)		
	Acute algae toxicity	ErC50 24,3700 mg/l	72 h	Pseudokirchneriella subcapitata		

12.3. Bioaccumulative potential

No further information available.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
99-97-8	N,N-dimethyl-p-toluidine	2,81

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12.4. Mobility in soil

No further information available.

12.5. Results of PBT and vPvB assessment

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

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 further information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Delivery to an approved waste disposal company. The product must be disposed of by an approved company in accordance with the local government regulations.

List of Wastes Code - residues/unused products

140603 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (EXCEPT 07 AND 08); waste organic solvents, refrigerants and foam/aerosol propellants; other solvents and solvent mixtures; hazardous waste

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number or ID number: UN1950
14.2. UN proper shipping name: AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es): 2.1
Hazard label: 2.1



Classification code: 5F
Special Provisions: 190, 327, 344, 625
Limited quantity: 1 L
Excepted quantity: E0
Transport category: 2
Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2.1



Classification code: 5F
Special Provisions: 190, 327, 344, 625
Limited quantity: 1 L
Excepted quantity: E0

Other applicable information (inland waterways transport)

Ausrüstung erforderlich: PP, EX, A

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Lüftung: VE01, VE04

Anzahl der blauen Kegel/Lichter: 1

Marine transport (IMDG)

14.1. UN number or ID number: UN1950
14.2. UN proper shipping name: Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Special Provisions: 63, 190, 277, 327, 344, 381, 959
EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN1950
14.2. UN proper shipping name: Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es): 2.1
Hazard label: 2.1



Special Provisions: A145, A167, A802
Limited quantity Passenger: Forbidden
Excepted quantity: E0
IATA-packing instructions - Passenger: Forbidden
IATA-max. quantity - Passenger: Forbidden
IATA-packing instructions - Cargo: 203
IATA-max. quantity - Cargo: 150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes

**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 28, Entry 29, Entry 40, Entry 75

National regulatory information

Water hazard class (D): 3 - highly hazardous to water

Additional information

Do not empty into drains.

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): 2.

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Abbreviations and acronyms

Aerosol: Aerosols
Flam. Liq: Flammable liquids
Acute Tox: Acute toxicity
Asp. Tox: Aspiration hazard
Skin Irrit: Skin irritation
STOT SE: Specific target organ toxicity - single exposure
STOT RE: Specific target organ toxicity - repeated exposure
Aquatic Chronic: Chronic aquatic hazard

Relevant H and EUH statements (number and full text)

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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