

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Rotec RS 50 Spray

Revision date: 01.01.2022

Product code: 310002K

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

1.1. Product identifier

Rotec RS 50 Spray

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

Use of the substance/mixture

Cutting oil

1.3. Details of the supplier of the safety data sheet

Company name: Rotec B.V.
Street: Galileïlaan 32
Place: NL-6716 BP Ede

Telefax: 0318 - 574156
Telephone: 0318 - 574151

Contact person: Dhr. J. van Broekhoven
e-mail: info@rotec-tools.nl

1.4. Emergency telephone number:

Emergency telephone number (24h) + 44 1235 239670 (en)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aerosol 3; H229

Full text of hazard statements: see SECTION 16.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Warning

Hazard statements

H229 Pressurised container: May burst if heated.

Precautionary statements

P271 Use only outdoors or in a well-ventilated area.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P501 Dispose of contents/container to an appropriate recycling or disposal facility.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P102 Keep out of reach of children.

Special labelling of certain mixtures

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

none (according to Regulation (EC) No 1907/2006 (REACH))

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Move victim to fresh air. Put victim at rest and keep warm. Do not leave affected person unattended.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: Water and soap. Seek medical attention if problems persist.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Extinguishing powder. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Heating causes rise in pressure with risk of bursting.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear personal protection equipment. Provide adequate ventilation. Keep away from unprotected people. Keep upwind. High slip hazard because of leaking or spilled product. Remove all sources of ignition. Avoid contact with eyes. Avoid contact with skin.

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

Provide adequate ventilation. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

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

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Advice on safe handling

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Handle and open container with care. High slip hazard because of leaking or spilled product.

Advice on protection against fire and explosion

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material. Flammable vapours can accumulate in head space of closed systems. Do not spray on naked flames or any incandescent material.

Advice on general occupational hygiene

Wash hands before breaks and after work.

Further information on handling

Avoid oil mist

Use only in well-ventilated areas.

When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place.

storage temperature: 15 - 35 °C. Do not store at temperatures over: 50 °C

Hints on joint storage

Do not store together with: Food and fodder additive

Maximum period of storage (time): 2 years

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
122-39-4	Diphenylamine	-	10		TWA (8 h)	
		-	20		STEL (15 min)	

8.2. Exposure controls



Individual protection measures, such as personal protective equipment

Hand protection

Protect skin by using skin protective cream.

Wash hands before breaks and after work.

Skin protection

Only wear fitting, comfortable and clean protective clothing. Chemical resistant safety shoes. Take off immediately all contaminated clothing.

Thorough skin-cleansing after handling the product. Set out skin protection guidelines.

Respiratory protection

Do not breathe gas/fumes/vapour/spray.

With correct and proper use, and under normal conditions, breathing protection is not required.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	light yellow
Odour:	characteristic

Test method

Changes in the physical state

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not applicable
Flash point:	180 °C

Explosive properties

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Danger of bursting container. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

pH-Value:	not applicable
Viscosity / kinematic: (at 40 °C)	21 mm ² /s ASTM D 1298
Water solubility:	insoluble
Density (at 20 °C):	0,9 g/cm ³ ASTM D 7042

9.2. Other information

Solvent content:	0,0%
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Further Information

SECTION 10: Stability and reactivity

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Danger of bursting container.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

In case of fire may be liberated: Pyrolysis products, toxic.

Further information

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 11: Toxicological information

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

Acute toxicity

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

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Irritation and corrosivity

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

Sensitising effects

Based on available data, the classification criteria are not met.
no danger of sensitization.

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

No information available.

SECTION 12: Ecological information

12.1. Toxicity

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
The components in this formulation do not meet the criteria for classification as PBT or vPvB.

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.

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

Dispose of this material and its container to hazardous or special waste collection point.

List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

SECTION 14: Transport information

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Land transport (ADR/RID)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
 Hazard label: 2.2



Classification code: 5A
 Special Provisions: 190+327+344+625
 Limited quantity: LQ2
 Excepted quantity: E0
 Transport category: 3
 Tunnel restriction code: E

Other applicable information (land transport)

Special provisions: 190 625
 Special provisions: CV9 CV12 V14 MP 9 PP87 RR 6 L2

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
 Hazard label: 2.2



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

Marine transport (IMDG)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
 Hazard label: 2, see SP63

Marine pollutant: •
 Limited quantity: See SP277
 Excepted quantity: E0
 EmS: F-D, S-U

Other applicable information (marine transport)

Special provisions: 63, 190, 277, 327, 959
 E0

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS, non-flammable
14.3. Transport hazard class(es): 2.2
 Hazard label: 2.2

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Special Provisions:	A98 A145 A167 A802
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y203
IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

Other applicable information (air transport)

E0
: Y203
: Forbidden

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Personal protection equipment: see section 8

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

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

For the following substances of this mixture a chemical safety assessment has been carried out:

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 1,2,4,6,7,8,9,11,12,13,14.

Relevant H and EUH statements (number and full text)

H229 Pressurised container: May burst if heated.

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