

Safety Data Sheet

Rossmann SunOzon Sport Clear Spray SPF 50+
according to Regulation (EC) No. 1907/2006 (REACH)

Printing date: 16.09.2021

Revision: 16.09.2021 Version: 1.00

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

1.1. Product identifier

Product Name Rossmann SunOzon Sport Clear Spray SPF 50+

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

No further relevant information available.

Application of the substance / the mixtures Cosmetic product

1.3. Details of the supplier of the safety data sheet

Manufacturer / Supplier:

Dermcos GmbH
Daimlerstraße 32
69190 Walldorf
Germany

Tel.: +49 6227 / 78 93 200

e-mail: info@dermcos.de

Website: <https://www.dermcos.de>

Further information obtainable from: Dermcos GmbH

1.4. Emergency telephone number:

Giftinformationszentrum-Nord / GIZ-Nord Poisons Centre
Telefon / Phone +49 (0) 551/19240
24h / 7d

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02

Signal word	Danger
Hazard statements	H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
Precautionary statements	P101 - If medical advice is needed, have product container or label at hand.
	P102 - Keep out of reach of children.
	P103 - Read label before use.
	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P211 - Do not spray on an open flame or other ignition source.
	P251 - Do not pierce or burn, even after use.
	P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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	P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.
Additional information	Buildup of explosive mixtures possible without sufficient ventilation.
2.3 Other hazards	
Results of PBT and vPvB assessment	
PBT: Not applicable.	
vPvB: Not applicable.	

SECTION 3: Composition/information on ingredients







3.1. Substances

Not applicable.

3.2. Mixtures

Description of the mixtures personal care product - cosmetics

Hazardous components

CAS: 106-97-8 EINECS: 203-448-7	Butane	 Flam. Gas 1, H220  Press. Gas (Comp.), H280	>25-<50%
CAS: 64-17-5 EINECS: 200-578-6	Ethanol	 Flam. Liq. 2, H225  Eye Irrit. 2, H319	>25-<50%
CAS: 115-10-6 EINECS: 204-065-8	Dimethyl ether	 Flam. Gas 1, H220  Press. Gas (Comp.), H280	>10-<25%
CAS: 56-81-5 EINECS: 200-289-5	Glycerol	substance with a Community workplace exposure limit	>1.0-≤5.0%
CAS: 70356-09-1 EINECS: 274-581-6	Butyl Methoxydibenzoylmethane	Aquatic Chronic 4, H413	>1.0-≤5.0%
CAS: 88122-99-0 EINECS: 402-070-1	Tris(2-ethylhexyl)-4,4',4''-(1,3,5-triazine-2,4,6-triyltriimino)tribenzoate	Aquatic Chronic 4, H413	>1.0-≤5.0%

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Take affected persons out into the fresh air. Do not leave affected persons unattended.
After inhalation	Supply fresh air; consult doctor in case of complaints.
After skin contact	Generally the product does not irritate the skin.
After eye contact	Rinse opened eye for several minutes under running water. Remove contact lenses. Then consult a doctor.
After swallowing	Call for a doctor immediately.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents	Carbone dioxide (CO ₂), powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents	Water with full jet.

5.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

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5.3. Advice for firefighters

Special protective equipment	Mouth respiratory protective device. Do not inhale explosion gases or combustion gases.
Further information	Collect contaminated extinguishing water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
Keep away from heat and sources of ignition.
Use respiratory protective device against the effects of fumes/dust/aerosol.

6.2. Environmental precautions

Do not discharge into drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universals binders, sawdust).
Ensure adequate ventilation.

6.4. Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat and direct sunlight.
Ensure good ventilation / exhaustion at the workplace.
Store in a cool, dry place in tightly closed receptacles.
Use only in well ventilated areas.

Information about fire – and explosion protection

Keep ignition sources away – do not smoke.
Can form explosive gas-air mixtures.
Flammable gas-air mixtures may form in empty receptacles.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a cool place. Store only in original receptacle.
Storage compatibility	Store away from foodstuffs.

7.3. Specific end uses

No additional relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components with workplace control parameters:

106-97-8 Butane

WEL Long-term value: 1450 mg/m³, 600 ppm

64-17-5 Ethanol

WEL Long-term value: 1920 mg/m³, 1000 ppm

115-10-6 Dimethyl Ether

WEL Long-term value: 766 mg/m³, 400 ppm

56-81-5 Glycerol

WEL Long-term value: 10 mg/m³

8.2. Exposure controls

Personal protective equipment

General protective and hygienic measures	Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, or smoking at the place of work. Keep away from foodstuffs, beverages and feed.
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	Do not inhale gases / fumes / aerosols.
Respiratory protection	Not required if room is well-ventilated.
Eye protection	Tightly sealed safety goggles.
Hand protection	Protective gloves.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Aerosol
Colour	clear – light yellow
Odour	Characteristic
Odour Threshold	Not determined.
pH-value at 20 °C	Not determined.
Change in condition	
Melting point/freezing point	Undetermined.
Initial boiling point and boiling range	Not applicable, as aerosol.
Flash point	Not applicable, as aerosol.
Flammability (solid, gas)	Not applicable.
Auto-ignition temperature	Product is not selfigniting.
Decomposition temperature	Not determined.
Explosive properties	Product is not explosive. However, formation of explosive air / vapour mixtures are possible.
Explosion limits	
Lower explosion limit	2.22 Vol % as calculated
Upper explosion limit	11.6 Vol % as calculated
Density	Not determined.
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with water	Partly miscible.
Partition coefficient: n-octanol/water	Not determined.
Viscosity	
Dynamic	Not determined.
Kinematic	Not determined.

9.2. Other information

No further information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

Thermal decomposition / conditions to be avoided	No decomposition if used according to specifications.
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10.3. Possibility of hazardous reactions

Forms explosive gas mixture with air.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials:

No further relevant information available.

10.6. Hazardous decomposition products:

Flammable gases/vapours
Carbon monoxide and carbon dioxide

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Based on available data the classification criteria are not met.

Primary irritant effect

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity 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.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic 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.

12.4. Mobility in soil

No further relevant information available.

Additional ecological information

General notes

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5. Results of PBT and vPvB assessment

PBT	Not applicable.
vPvB	Not applicable.

12.6. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

European waste catalogue	Dispose of contents / container in accordance with local/regional/national/international regulations.
Uncleaned packaging	Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport Information

14.1. UN-Number

ADR, IMDG, IATA UN1950

14.2. UN proper shipping name

ADR	1950 AEROSOLS
IMDG	AEROSOLS
IATA	AEROSOLS, flammable



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14.3. Transport hazard class(es)

ADR	
	
Class	2.5F Gases
Label	2.1
IMDG, IATA	
	
Class	2.1
Label	2.1

14.4. Packaging group

ADR, IMDG, IATA	Void
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14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Warning: Gases.

Danger code (Kemler)	-
EMS number	F-D, S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

Transport additional information

ADR	
Limited Quantity (LQ)	1L
Tunnel restriction code	D
Transport category	2
UN "Model Regulation"	UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

Labelling according to Regulation (EC) No 1272/2008 GHS label elements

Named dangerous substances – ANNEX I None of the ingredients is listed.

Regulation (EC) No 1907/2006 ANNEX XVII Conditions of restrictions: 3

15.2. National regulations

Water Hazard Class | WGK 1 (self-assessment), slightly hazardous to water.

15.3. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Responsible for the Safety Data Sheet:

Dermcos GmbH – Daimlerstr. 32, 69190 Walldorf, Germany

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 Harmonised 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 (division of the American Chemical Society)
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
Flam. Gas 1:	Flammable gases – Category 1
Aerosol 1:	Aerosols – Category 1
Press. Gas (Comp.):	Gases under pressure – Compressed gas
Flam. Liq. 2	Flammable liquids – Category 2
Eye Irrit. 2	Serious eye irritation – Category 2
Aquatic Chronic 4	Hazardous to the aquatic environment – long-term aquatic hazard – Category 4