SAFETY DATA SHEET
CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

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

1.1. Product identifier

Product name CREP PROTECT SPRAY

UFI UFI : Q200-U0CW-600G-QD26

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

Identified uses Shoe care product

1.3. Details of the supplier of the safety data sheet

Crep Protect LTD Unit 2 Western Avenue Business Park, Mansfield Road, London W3 0BZ United Kingdom Telephone: +44 (0) 208 200 3717	Crep Protect B.V. Heksekamp 31, 5301 LX Zaltbommel Netherlands Telephone: +31 418799716

E-mail: info@crepprotect.com
Website: www.crepprotect.com

1.4 Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital Emerency telephone number	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) +1-813-248-0585	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Aerosol 1 - H222, H229
Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards Not Classified
Additional information Classification (Regulation (EC) No. 1272/2008).

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements
H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements
P102 Keep out of reach of children.
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.
P261 Avoid breathing spray.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/ container in accordance with national regulations.

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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
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Contains Propan-2-ol, isopropyl acetate

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Propan-2-ol **40-60%**

CAS number: 67-63-0 EC number: 200-661-7

Classification
Flam. Liq. 2 - H225
Eye Irrit. 2 - H319
STOT SE 3 - H336

Butane **20-25%**

CAS number: 106-97-8 EC number: 203-448-7

Lists:REACH ANNEX XVII.(40)

Classification
Flam. Gas 1A - H220
Press. Gas (Liq.) - H280

propane **10-20%**

CAS number: 74-98-6 EC number: 200-827-9

REACH ANNEX XVII.(40)

Classification
Flam. Gas 1A - H220
Press. Gas (Liq.) - H280

2-butoxyethanol **1-5%**

CAS number: 111-76-2 EC number: 203-905-0

OralATE = 1200 mg/kg
InhalationVapourATE = 3 mg/L

Classification
Acute Tox. 4 - H302
Acute Tox. 3 - H331
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

isopropyl acetate	**1-5%**
CAS number: 108-21-4	EC number: 203-561-1
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.

Skin contact Wash with plenty of water. Get medical attention if any discomfort continues.

Eye contact Remove contact lenses, if present and easy to do. Continue rinsing. Wash with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation Overexposure may cause the following adverse effects: Dizziness.

Ingestion Nausea, vomiting.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact Conjunctivitis, irritation, tearing. Redness. Itchiness.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray, dry powder or carbon dioxide.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Vapours may form explosive mixtures with air. Bursting aerosol containers may be propelled from a fire at high speed.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Avoid breathing fire gases or vapours. Move containers from fire area if it can be done without risk. Contain and collect extinguishing water.

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke in work area. Avoid heat, flames and other sources of ignition.

6.2. Environmental precautions

Environmental precautions	Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Wear appropriate clothing to prevent any possibility of skin contact. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Do not allow material to enter confined spaces, due to the risk of explosion. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Read and follow manufacturer's recommendations. Eliminate all sources of ignition. Do not eat, drink or smoke when using this product. Protect from freezing and direct sunlight. Avoid inhalation of vapours and spray/mists. Avoid contact with skin, eyes and clothing.
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Do not smoke in work area.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Avoid exposing aerosol containers to high temperatures or direct sunlight. Keep away from heat, sparks and open flame. Do not store near heat sources or expose to high temperatures. Avoid contact with oxidising agents.
Storage class	Aerosols 2B.

7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³
Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

Butane

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³
Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

propane

Long-term exposure limit (8-hour TWA): 1000 ppm 1800 mg/m³
Short-term exposure limit (15-minute): 2.8 mg/m³

2-butoxyethanol

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m³
Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³
Sk

isopropyl acetate

Short-term exposure limit (15-minute): WEL 200 ppm 849 mg/m³

WEL = Workplace Exposure Limit.
Sk = Can be absorbed through the skin.

Propan-2-ol (CAS: 67-63-0)

DNEL	Workers - Inhalation; Long term systemic effects: 500 mg/m³ Workers - Dermal; Long term systemic effects: 888 mg/kg/day General population - Inhalation; Long term systemic effects: 89 mg/m³ General population - Dermal; Long term systemic effects: 319 mg/kg/day General population - Oral; Long term systemic effects: 26 mg/kg/day
PNEC	STP; 2251 mg/l Soil; 28 mg/kg Intermittent release; 140,9 mg/l Oral (secondary poisoning); 0,16 g/kg Fresh water; 140,9 mg/l marine water; 140,9 mg/l Sediment (Freshwater); 552 mg/kg Sediment (Marinewater); 552 mg/kg

2-butoxyethanol (CAS: 111-76-2)

DNEL	Consumer - Oral; Long term systemic effects: 3,2 mg/kg Consumer - Inhalation; Long term systemic effects: 49 mg/m³ Consumer - Dermal; Long term systemic effects: 38 mg/kg Workers - Inhalation; Long term systemic effects: 98 mg/m³ Workers - Dermal; Long term systemic effects: 75 mg/kg
PNEC	- Fresh water; 88 mg/l - marine water; 88 mg/l - Sediment (Freshwater); 34,6 mg/kg - Sediment (Marinewater); 3,46 mg/kg - Intermittent release; 91 mg/l - STP; 463 mg/l

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

isopropyl acetate (CAS: 108-21-4)

DNEL	Workers - Inhalation; Long term systemic effects: 275 mg/m³ Workers - Inhalation; Short term systemic effects: 558 mg/m³ Workers - Inhalation; Long term local effects: 227 mg/m³ Workers - Dermal; Long term systemic effects: 27 mg/kg General population - Inhalation; Long term systemic effects: 168 mg/m³ General population - Inhalation; Short term systemic effects: 335 mg/m³ General population - Inhalation; Long term local effects: 136 mg/m³ General population - Dermal; Long term systemic effects: 16 mg/kg General population - Oral; Long term systemic effects: 16 mg/kg
PNEC	Fresh water; 0.22 mg/l marine water; 0.022 mg/l STP; 190 mg/l Sediment (Freshwater); 1.25 mg/kg Sediment (Marinewater); 0.125 mg/kg Soil; 0.35 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls	Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Provide adequate general and local exhaust ventilation.
Eye/face protection	Chemical splash goggles and face shield. Personal protective equipment that provides appropriate eye and face protection should be worn.
Hand protection	Wear protective gloves. It is recommended that gloves are made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.
Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Take off contaminated clothing and wash it before reuse. When using do not eat, drink or smoke.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Use approved respirator if air contamination is above an acceptable level. Powered filtering helmets or hoods should be suitable for intended use. Ensure all respiratory protective equipment is suitable for its intended use and is 'UKCA'-marked.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	No information available.
Odour	Characteristic.
Odour threshold	No information available.
pH	No information available.

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	Not available.
Vapour density	No information available.
Relative density	No information available.
Bulk density	No information available.
Solubility(ies)	No information available.
Partition coefficient	Not available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidizing.
Particle characteristics	Not applicable.

9.2. Other information

Other information	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Strong acids.

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

10.6. Hazardous decomposition products

Hazardous decomposition products	Decomposition at ambient temperatures may generate the following substances: Carbon dioxide (CO2). Carbon monoxide (CO).

SECTION 11: Toxicological information

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

Acute toxicity - oral

Notes (oral LD_{50})	Based on available data the classification criteria are not met.
ATE oral (mg/kg)	20,000.0

Acute toxicity - dermal

Notes (dermal LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC_{50})	Based on available data the classification criteria are not met.
ATE inhalation (vapours mg/l)	50.0

Skin corrosion/irritation

Skin corrosion/irritation	Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation	Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation	Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro	Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity	Based on available data the classification criteria are not met.
IARC carcinogenicity	Contains a substance which may be potentially carcinogenic. IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity

Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure	STOT SE 3 - H336 May cause drowsiness or dizziness.
Target organs	Central nervous system

Specific target organ toxicity - repeated exposure

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	
Aspiration hazard	Based on available data the classification criteria are not met.
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur.
Skin contact	Repeated exposure may cause skin dryness or cracking.
Eye contact	Irritating to eyes.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target organs	Central nervous system

11.2. Information on other hazards

Information on other hazards	This product does not contain any known or suspected endocrine disruptors.

Toxicological information on ingredients.

Propan-2-ol

Acute toxicity - oral	
Notes (oral LD_{50})	LD_{50} 5840 mg/kg, Oral, Rat (OECD Test Guideline 401)
Acute toxicity - dermal	
Notes (dermal LD_{50})	LD_{50} 12800 mg/kg, Dermal, Rat
Acute toxicity - inhalation	
Notes (inhalation LC_{50})	LC50 72,6 mg/l, Inhalation, Rat 4 hours
Skin corrosion/irritation	
Animal data	Slightly irritating. Rabbit 4 hour (OECD 404)
Serious eye damage/irritation	
Serious eye damage/irritation	Causes eye irritation. Rabbit (OECD 405)
Respiratory sensitisation	
Respiratory sensitisation	Guinea pig: Not sensitising. Buehler test (OECD 406)
Germ cell mutagenicity	
Genotoxicity - in vitro	Bacterial reverse mutation test: Negative without metabolic activation., Negative with metabolic activation. (OECD 471) Gene mutation, Mammalian Cell Line: Negative without metabolic activation., Negative with metabolic activation. (OECD 476) intraperitoneal., Mouse: Negative. (OECD Guideline 474)
Carcinogenicity	

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Carcinogenicity	104 week, Inhalation, Vapour, Rat, Female, Male 6 hour, -, day 5 day, -, week OECD 451
IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
Reproductive toxicity	
Reproductive toxicity - fertility	One-generation study - NOAEL 853 mg/kg, Oral, Rat P OECD Guideline 415 (One-Generation Reproduction Toxicity Study) Two-generation study - NOAEL 500 mg/kg, Oral, Rat P (OECD Guideline 416) Two-generation study - NOAEL 1000 mg/kg, Oral, Rat F1 (OECD Guideline 416)

Butane

Acute toxicity - inhalation	
Notes (inhalation LC_{50})	15 min, >800000 ppm, Inhalation, Rat
Germ cell mutagenicity	
Genotoxicity - in vitro	Bacterial reverse mutation test, (OECD 471): Negative. In vitro chromosal aberration test., (OECD 473): Negative.
Genotoxicity - in vivo	Mammalian Erythrocyte Micronucleus Test, (OECD Guideline 474), Rat: Negative. Based on the test results of similar product.
Repeated dose toxicity	Species: Rat, NOEL: >9000 ppm, Method of administration: Inhalation (gas), Exposure time: 6 Weeks (OECD 422)

propane

Acute toxicity - inhalation	
Notes (inhalation LC_{50})	15 min, >800000 ppm, Inhalation, Rat

2-butoxyethanol

Acute toxicity - oral	
Notes (oral LD_{50})	REACH dossier information.
ATE oral (mg/kg)	1,200.0
Acute toxicity - dermal	
Notes (dermal LD_{50})	LD0 >2000 mg/kg, Dermal, Guinea pig REACH dossier information. NOAEC >2000 mg/kg, Dermal, Guinea pig REACH dossier information.
Acute toxicity - inhalation	
Notes (inhalation LC_{50})	REACH dossier information.
ATE inhalation (vapours mg/l)	3.0
Skin corrosion/irritation	
Skin corrosion/irritation	in vivo. Rabbit 28 day EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion) Severe skin irritation. REACH dossier information.

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Serious eye damage/irritation

Serious eye damage/irritation in vivo. Rabbit (OECD Test Guideline 405)
Causes serious eye irritation. REACH dossier information.

Skin sensitisation

Skin sensitisation Guinea pig (OECD Test Guideline 406) Guinea pig maximization test (GPMT)
Not sensitising. REACH dossier information.

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Repeated dose toxicity NOAEL <69 mg/kg/day, Oral, Rat, Male (OECD 408) REACH dossier information.
NOAEL <82 mg/kg/day, Oral, Rat, Female (OECD 408) REACH dossier information.

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

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

Ecological information on ingredients.

Propan-2-ol

Acute aquatic toxicity

Acute toxicity - fish LC_{50}, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 13299 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC10, 72 hour: 1000 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC10, 16 hour: 1050 mg/l, Pseudomonas putida

2-butoxyethanol

Acute aquatic toxicity

Acute toxicity - fish LC_{50}, 96 hour: 1474 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC_{50}, 48 hour: 1550 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC_{50}, 72 hour: 911 mg/l, Pseudokirchneriella subcapitata

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Ecological information on ingredients.

Propan-2-ol

Persistence and degradability The substance is readily biodegradable.

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

Biodegradation	- %86: 14 day
Chemical oxygen demand	2,23 g O2/g
BOD/ThBOD	1,19 g O2/g
BOD(5 day)/COD	0,53

Butane

Persistence and degradability The substance is readily biodegradable. Based on the test results of similar product.

2-butoxyethanol

Biological oxygen demand	5 day %91 Fresh water 28 day %92 Fresh water

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient Not available.

Ecological information on ingredients.

Propan-2-ol

Bioaccumulative potential	Low potential.
Partition coefficient	log Pow: 0.05
Bioconcentration factor (BCF)	3

Butane

Partition coefficient	log Pow: 2.89

propane

Bioaccumulative potential	log Pow: 2,89,

2-butoxyethanol

Partition coefficient	: 0,81

12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

Propan-2-ol

Mobility	The product is water-soluble and may spread in water systems.
Adsorption/desorption coefficient	Koc: 1.5 2,24E-2 N/m @ 25°C

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Henry's law constant	8,207E-1 Pa·m³/mol

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.

12.6. Endocrine disrupting properties

Endocrine disrupting properties	The product does not contain any endocrine disrupting substance.

12.7. Other adverse effects

Other adverse effects	None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	When handling waste, the safety precautions applying to handling of the product should be considered.
Disposal methods	Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste product or used containers in accordance with local regulations Environmental Manager must be informed of all major spillages.

SECTION 14: Transport information

14.1. UN number or ID number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

Transport labels



14.4. Packing group

ADR/RID packing group	None
IMDG packing group	None
ADN packing group	None
ICAO packing group	None

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)
Limited quantities (ADR)	1 L

14.7. Maritime transport in bulk according to IMO instruments

Maritime transport in bulk according to IMO instruments	Not applicable.

SECTION 15: Regulatory information

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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits. The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824). Commission Regulation (EU) 2020/878 of 18 June 2020. Commission Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Authorisations (SI 2020 No. 1577 Annex XIV) and REACH 1907/2006, Annex XIV	No specific authorisations are known for this product.
Restrictions (SI 2020 No. 1577 Annex XVII) and REACH 1907/2006, Annex XVII	No specific restrictions on use are known for this product.

CREP PROTECT SPRAY

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Seveso Directive - Control of major accident hazards	P3a Lower-tier 150 tonnes Upper-tier 500 tonnes.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IATA: International Air Transport Association. ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate. LC50: Lethal Concentration to 50 % of a test population. LD50: Lethal Dose to 50% of a test population (Median Lethal Dose). EC_{50}: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Classification abbreviations and acronyms	Aerosol = Aerosol Eye Irrit. = Eye irritation STOT SE = Specific target organ toxicity-single exposure
Key literature references and sources for data	This SDS is prepared based on the information received from the product owner. Source: European Chemicals Agency, http://echa.europa.eu/
Classification procedures according to SI 2019 No. 720	STOT SE 3 - H336: Eye Irrit. 2 - H319: : Calculation method. Aerosol 1 - H222, H229: : Expert judgement.
Revision comments	This is the first issue.
Issued by	Gülseren SARIKAYA / CRAD gbf@crad.com.tr Tel.:+90 216 3354600
Revision date	04/03/2025
Revision	1.0
Supersedes date	04/03/2025
SDS number	16034
Hazard statements in full	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H331 Toxic if inhaled. H336 May cause drowsiness or dizziness.