

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 annex II and EC/2020/878

Textile Protection Aerosol

Date: 2024-06-10

Version 1

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

- 1.1 Product identifier**
Tradename Textile Protection Aerosol
Productcode PR 239
UFI 6V30-30YY-200N-D0D7
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Impregnation
- 1.3 Details of the supplier of the safety data sheet**
Ditec International AB
Dragrånna 2
S-74650 Bålsta
Telefon +46 10 344 75 50
E-mail info@ditecinternational.com
- 1.4 Emergency telephone number**
For poison information call, NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales), in emergencies call 999.

SECTION 2: Hazards identification

- 2.1 Classification**
Classification CLP (1272/2008/EC)
Aerosols, Hazard Category 1: H222
Aerosols, Hazard Category 1 H229
Skin corrosion/irritation, Hazard Category 2: H315
Specific target organ toxicity — Single exposure, Hazard Category 3, Narcosis: H336
Hazardous to the aquatic environment — Chronic Hazard, Category 3: H412
EUH208

- 2.2 Label elements:**
Pictogram



Signal Word: Danger

Containing substances

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Naphtha (petroleum), hydrotreated light

Hazard statement Code(s)

H222 Extremely flammable aerosol
H229 Pressurised container: May burst if heated
H315 Causes skin irritation
H336 May cause drowsiness or dizziness
H412 Harmful to aquatic life with long lasting effects

Additional Hazard statement Code(s)

EUH208 Contains 2,2'-methylene diphenyl diisocyanate. May produce an allergic reaction.

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SECTION 2: Hazards identification

Precautionary statements

P102 Keep out of reach of children.

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.

P251 Pressurized container: Do not pierce or burn, even after use.

P271 Use only outdoors or in a well-ventilated area.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/container to an authorized waste treatment plant.

2.3 Other hazards

In case of leakage, high concentrations of gases can quickly form. These can be toxic, asphyxiating or explosive.

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

Tactile warnings of danger: No

Child-resistant fastenings: No

SECTION 3: Composition/information on ingredients

3.2 Chemical composition: mixture

Components	CAS-No EC-No Reg-No	Conc.%	Hazard Class & Category Code*	Hazard statement Code(s)*	Note
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, <2% aromatic	- 927-241-2 01-2119471843-32	40-60	Flam. Liq. 3 Asp. Tox. 1 STOT SE 3 Aquatic Chronic 3	H226 H304 H336 H412 EUH066	1
Butane Indexnr.: 601-004-00-0	106-97-8 203-448-7 01-2119474691-32	10-15	Flam. Gas 1A Press. Gas	H220 H280	1
Naphtha (petroleum), hydrotreated light Indexnr.: 649-328-00-1	64742-49-0 265-151-9 01-2119475515-33- 0000	10-15	Flam. Liq. 2 Asp. Tox. 1 Skin Irrit. 2 STOT SE 3 Aquatic Chronic 2	H225 H304 H315 H336 H411	1
Isobutane Indexnr.: 601-004-00-0	75-28-5 200-857-2 01-2119485395-27	5-10	Flam. Gas 1A Press. Gas (Liq.)	H220 H280	1
Propane Indexnr.: 601-003-00-5	74-98-6 200-827-9 01-2119486944-21	3-5	Flam. Gas 1A Press. Gas (Liq.)	H220 H280	1
n-butyl acetate Indexnr.: 607-025-00-1	123-86-4 204-658-1 01-2119485493-29	3-5	Flam. Liq. 3 STOT SE 3	H226 H336 EUH066	1,2

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SECTION 3: Composition/information on ingredients

Ethyl acetate Indexnr.: 607-022-00-5	141-78-6 205-500-4 01-2119475103-46	1-3	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225 H319 H336 EUH066	1,2
2,2'- methylene diphenyl diisocyanate ** Indexnr.: 615-005-00-9	101-68-8 202-966-0 01-2119457014-47	<0.01	Skin Irrit. 2 Skin Sens. 1 Eye Irrit. 2 Acute Tox. 4 Resp. Sens. 1 STOT SE 3 Carc. 2 STOT RE 2	H315 H317 H319 H332 H334 H335 H351 H373	1,2

* The full text of Hazard statement Codes are listed under section 16.

** SCL / Specific concentration limits

Eye Irrit. 2; H319: C ≥ 5 %

Resp. Sens. 1; H334: C ≥ 0,1 %

STOT SE 3; H335: C ≥ 5 %

Skin Irrit. 2; H315: C ≥ 5 %

Explanation of note

1. Substance is classified as hazardous to health or environment.

2. Substance has hygiene limit values

3. Substance reaches the criteria to be classified as PBT according to (EG) nr 1207/2006, annex XIII

4. Substance reaches the criteria to be classified as vPvB according to (EG) nr 1207/2006, annex XIII

The classification is based on data from the chemical supplier and www.echa.europa.eu (databases)

SECTION 4: First aid measures

4.1 Description of first aid measures:

General information

Never give fluids or induce vomiting if patient is unconscious. In all cases of doubt, or when symptoms persist, seek medical advice.

Keep the person warm and calm.

Inhalation

Move the injured person to fresh air and keep him warm and still in a position that facilitates breathing. Contact a doctor if symptoms persist.

Skin contact

Wash with soap and water. Contact a doctor if the complaints persist.

Eye contact

Rinse with lukewarm water for several minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. Contact a doctor if the complaints persist.

Ingestion

Rinse mouth with water and drink several glasses of water. Do not induce vomiting unless instructed to do so by medical personnel. Contact a doctor .

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SECTION 4: First aid measures

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

Inhalation:	May cause drowsiness or dizziness Vapors may cause headache, fatigue, dizziness and nausea
Skin contact:	Irritating to the skin. Repeated exposure may cause skin dryness or cracking. May cause skin sensitization or allergic reactions in sensitive individuals.
Eye contact:	May be slightly irritating to eyes. (Pain, redness)
Ingestion:	May cause nausea, headache, dizziness and poisoning.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray, fog or mist, foam, powder, carbon dioxide.
Do not use direct water jet, it spreads the water.

5.2 Special hazards arising from the substance or mixture

Extremely flammable aerosol. Containers may rupture or explode when heated, depending on violent pressure rise.

5.3 Special protective equipment

Use an appropriate breathing apparatus and protective suits.

Additional information

Cool endangered containers with water in case of fire. Move containers from fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Avoid inhalation of vapors and contact with skin and eyes

Ensure good ventilation.

Avoid breathing vapors from spills.

Do not expose to heat, hot surfaces, sparks, open flame or other sources of ignition. Smoking forbidden.

6.2 Environmental precautions

Do not flush large quantities of the product into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Re-use product if possible. Small quantities may be wiped up with a cloth. Contain larger spill with inert material. Absorb in vermiculite, dry sand or earth. Cleaning is carried out as far as possible with cleaning agents. Solvents should be avoided.

6.4 Reference to other sections

See section 7 for proper handling and storage.

For personal protection see section 8.

For disposal of spillage, see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices.

Avoid contact with skin and eyes, inhalation of vapors and mist.

Do not eat, drink or smoke when handling the product.

Must not be exposed to heat, hot surfaces, sparks, open flame or other ignition sources. Smoking forbidden.

Wash hands during work breaks and at the end of the shift.

Ensure good ventilation.

Use explosion-proof electrical equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store tightly closed in a cool dry well-ventilated place.

Aerosol cans: Do not expose to direct sunlight or temperatures above 50°C.

Store away from strong acids, strong bases, strong oxidizing agents and strong reducing agents.

Stored in original packaging.

7.3 Specific end use(s)

-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Provide adequate ventilation.

Swedish limit values (AFS 2023:14)

Substance	Cas-nr	NGV	KGV	Note
n-Butylacetat	123-86-4	50 ppm 241 mg/m ³	150 ppm 723 mg/m ³	-
Etylacetat	141-78-6	150 ppm 550 mg/m ³	300 ppm 1100 mg/m ³	
2,2'-metylendifenyl-diisocyanat	101-68-8	0,002 ppm 0,03 mg/m ³	0,005 ppm 0,05 mg/m ³	M,S

Explanation of note

M-=Medical controls may be required for handling the substance

S-=Sensitizing substances can cause allergy or other hypersensitivity.

British limit values (EH40/2005 Workplace exposure limits)

Substance	Cas-nr	Long-term exposure limit	Short-term exposure limit	Comments
Butyl acetate	123-86-4	150 ppm 724 mg/m ³	200 ppm 966 mg/m ³	-
Ethyl acetate	141-78-6	200 ppm 734 mg/m ³	400 ppm 1468 mg/m ³	

DNEL

-

PNEC

-

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SECTION 8: Exposure controls/personal protection

8.2 Exposure controls

General protective and hygiene measures

The usual precautionary measures for the handling of chemicals have to be observed.

Individual protection measures, such as personal protective equipment

Always consult a competent person/supplier when selecting personal protective equipment

Respiratory protection

In case of insufficient ventilation or if there is a risk of inhalation of spray mist, wear suitable respiratory equipment. (A2P2) EN14387

Hand protection

Use protective gloves.(Neopren/nitril rubber)

When selection gloves, several parameters must be taken into account, usage, handling time, breakthrough time.etc

Eye protection

Wear tightly fitting protective goggles if there is a risk of direct contact or splash. EN166

Body protection

Wear antistatic protective clothing made of natural fibers or heat resistant synthetic fibers.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Aerosol
Colour:	Colourless
Odour	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range (°C)	Not determined
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point	Does not apply to aerosols
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	Not determined
Kinematic viscosity	Not determined
Solubility	Not determined
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	0,71 g/cm ³
Relative vapour density	Not determined
Particle characteristics	Not determined

9.2 Other information

No further information available.

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SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

Stable under recommended storage and handling conditions.

10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

10.5 Incompatible materials

Strong acids, strong bases, strong oxidizing agents and strong reducing agents.

10.6 Hazardous decomposition products

None known for recommended handling and use.

SECTION 11: Toxicological information

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

See section 4 as well. (Most important symptoms and effects, both acute and delayed)

Irritating/Corrosive properties

Causes skin irritation

Acute Toxicity

Not classified as acutely toxic according to CLP.

Toxicology data

Information/data about this preparation is not available.

STOT-single exposure -repeated exposure.

May cause drowsiness or dizziness

Routes of exposure

Inhalation, eyes and skin, ingestion.

Allergenic potential

This product is not classified as allergenic by inhalation or skin contact but contains a small amount of 2,2'-methylene diphenyl diisocyanate which can cause allergic problems for sensitive people.

Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen and toxic for reproduction.

Aspiration hazard

No. Aerosol container. The mist is finely distributed and does not form an accumulation.

11.2 Information on other hazards

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

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SECTION 12: Ecological information

This product is classified as dangerous for the environment. Harmful to aquatic life with long lasting effects

Do not flush into surface water or sanitary sewer system.

12.1 Toxicity

Information about this preparation is not available.

12.2 Persistence and degradability

n-butyl acetate (123-86-4) – logPow 2.3

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The product is deemed not to contain any substances that meet the criteria to be classified as PBT or vPvB substances.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

No known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This product or residues of this product is classified as hazardous waste.

Dispose of in accordance with local authority requirements.

Unemptied packaging: Waste code 14 06 03* Other solvents and solvent mixtures

Empty packaging: Waste code 15 01 04 Metallic packaging.

Disposal of Packaging

Well cleaned packaging could be left for recycling

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SECTION 14: Transport information

Aerosols may be transported by road (ADR) as a limited quantity (1L) if each package weighs maximum 30 kg in carton or 20 kg on trays with stretch or shrink film. Each parcel shall be marked with a square, set on a corner (diamond-shaped), the upper and lower part shall be black, with a side length of at least 100 mm

- 14.1 UN number**
1950
- 14.2 UN proper shipping name**
AEROSOLS
- 14.3 Transport hazard class(es)**
2 Label 2.1
- 14.4 Packing group**
-
- 14.5 Environmental hazards**
Marine Pollutant: No
- 14.6 Special precautions for user**
F-D, S-U
- 14.7 Maritime transport in bulk according to IMO instruments**
-
LQ
1L
Tunnel restriction code
(D)

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Classification according to CLP (1272/2008/EC)
Reach (1907/2006/EC)
Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
(EU) Candidate list of SVHC substances
None listed.
(EU) REACH Annex XIV
None listed.
REACH, Annex XVII
2,2'-methylene diphenyl diisocyanate falls within the limits of the REACH Regulation, REACH Annex XVII (Item No. 56 ; 74).
- 15.2 Chemical safety assessment**
No chemical safety assessment has been carried out.

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SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3:

H220 Extremely flammable gas.
H222 Extremely flammable aerosol
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: May burst if heated
H280 Contains gas under pressure; may explode if heated
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H372 Causes 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.
EUH066 Repeated exposure may cause skin dryness or cracking

This information is provided for health and safety assessments by an industrial user.
Reference should be made to any relevant local or national health, safety, and environmental legislation.

Sources:

Safety data sheet provided by the manufacturer. CLP-regulation, www.kemi.se,
www.echa.europa.eu (Databases)

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Abbreviations explanations

ADR: :International Carriage of Dangerous Goods by Road
BCF: Bio Concentration Factor
CAS-nr: Chemical Abstracts Service number
DNEL: Derived No Effect Level
EC₅₀: Effect Concentration
EG-nr: A substance number i Einecs, Elincs or in No-Longer Polymers List.
IMDG: International Maritime Dangerous Goods Code.
LC₅₀: Lethal Concentration
LD₅₀: Lethal Dose
IC₅₀: Median Inhibition Concentration
NOEC: No Observed Effect Concentration
PBT-substance: Persistent, Bio accumulative and Toxic substances.
PNEC: Predicted No Effect Concentration
vPvB-substance; Very persistent and Very Bio accumulative substances.