

Guardian



Protection Products



Safety data sheet

Revision: 07-12-2015

Replaces: 13-11-2013

Version: 02.01/GBR

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

1.1. Product identifier

Trade name: Textile Protection

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

Recommended uses: Impregnation agents.

1.3. Details of the supplier of the safety data sheet

Supplier: Guardian Protection Products A/S
Knudevejen 22
6600 Vejen
Denmark
Tel: +45 75471767
Fax: +45 75471787
Email: guardian@guardian.dk

1.4. Emergency telephone number

0870 600 6266 (UK only) Only available to health professionals.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification (Regulation (EC) No 1272/2008): Aerosol 1;H222 Aerosol 1; H229

Please see section 16 for the full text of H-phrases.

Most serious harmful effects: Extremely flammable aerosol. Pressurised container: May burst if heated. The product releases vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements



Signal word:	Danger
H-phrases:	Extremely flammable aerosol.(H222) Pressurised container: May burst if heated.(H229)
P-phrases:	Do not pierce or burn, even after use.(P251) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.(P410/412) Do not spray on an open flame or other ignition source.(P211) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.(P210) If medical advice is needed, have product container or label at hand.(P101) Keep out of reach of children.(P102)
Supplemental information:	Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/EC Number	Substance	CLP-classification (Regulation (EC) No 1272/2008)	w/w%	Note
.	64742-48-9-	Naphtha (petroleum), hydrotreated	Asp. Tox. 1;H304	80-95	3
.	H	heavy (<0.1% benzene)	.	.	.
.	265-150-3	.	.	.	.
.	124-38-9-liq	Carbon dioxide	Press. Gas liq. gas;H280	5-10	12
.	204-696-9	.	.	.	.
.	34590-94-8	(2-methoxymethylethoxy)propanol	.	0-1	12
.	252-104-2	.	.	.	.

3) H304 is not applicable due to use as aerosols.

12) The substance is included in the EU list of limit values for occupational exposure

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort. Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs.
Skin:	Remove contaminated clothing, watch and jewellery. Wash skin with soap and water.
Eyes:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Burns:	Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
Other information:	When obtaining medical advice, show the safety data sheet or label.

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

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking. May cause eye irritation. Inhalation of vapours/spray mist may cause irritation to the upper airways. Inhalation of spray mist may cause chemical pneumonia. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause

headache and intoxication.

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

No special immediate treatment required. Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with powder, foam, carbon dioxide or water mist.

Unsuitable extinguishing media Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

CAUTION! Aerosol containers may explode. Heating will cause a rise in pressure in packaging with a risk of bursting. Can generate harmful flue gases containing carbon monoxide in the event of fire. Explosive mixtures may form with air when heated/exposed to fire.

5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear gloves. Provide adequate ventilation. Smoking and naked flames prohibited.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Wipe up drops and splashes with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Running water and eye wash equipment should be available. The product should be used under well-ventilated conditions and preferably under process ventilation. Wash hands before breaks, before using restroom facilities, and at the end of work. Smoking and naked flames prohibited.

7.2. Conditions for safe storage, including any incompatibilities

Do not expose to heat (e.g. sunlight). Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

Ingredient:	Exposure limit	Comments
Carbon dioxide	5000 (8h), 15000 (15m) ppm	-
.	9150 (8h), 27400 (15m) mg/m3	.
(2-methoxymethylethoxy)propanol	50 (8h), - (15m) ppm	Sk
.	308 (8h), - (15m) mg/m3	.

Legal basis: EH40/2005 Workplace exposure limits. Last amended December 2011.

Comments: Sk: Can be absorbed through skin

Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment,

eye/face protection:	Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.
Personal protective equipment, skin protection:	Wear gloves. Type of material: Nitrile rubber. Gloves must conform to EN 374.
Personal protective equipment, respiratory protection:	In case of insufficient ventilation, wear respiratory protective equipment. Filter type: A. Respiratory protection must conform to one of the following standards: EN 136/140/145.
Environmental exposure controls:	Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Aerosol
Colour:	Clear
Odour:	Weak Solvent
Odour threshold:	No data
pH (solution for use):	No data
pH (concentrate):	No data
Melting point/freezing point:	No data
Initial boiling point and boiling range:	No data
Flash point:	62°C
Evaporation rate:	No data
Flammability (solid, gas):	No data
Upper/lower flammability limits:	No data
Upper/lower explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	No data
Solubility:	Insoluble i vand
Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong alkalis/ Strong acids/ Oxidisers/ Reducing agents/

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Strong alkalis/ Acids/ Oxidisers/ Reducing agents.

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released. Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:	The product does not have to be classified. Test data are not available.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation:	May cause eye irritation. The product does not have to be classified. Test data are not available.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	Inhalation of vapours/spray mist may cause irritation to the upper airways. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	Inhalation of spray mist may cause chemical pneumonia. The product does not have to be classified. Test data are not available.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

The product does not have to be classified. Test data are not available.

12.2. Persistence and degradability

Expected to be biodegradable.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid unnecessary release to the environment.

Aerosol sprays:

EWC code: 16 05 04 Gases in pressure containers containing dangerous substances.

Wiping cloths with organic solvents:
EWC code: 15 02 02 Absorbents, filter materials (including oil filters not otherwise specified),
wiping cloths, protective clothing contaminated by dangerous substances

SECTION 14: Transport information

ADR/RID

14.1. UN number	1950
14.2. UN proper shipping name	AEROSOLS
14.3. Transport hazard class(es)	2.1
14.4. Packing group	-
Hazard identification number	-
Tunnel restriction code:	D
14.5. Environmental hazards	The product should not be labelled as an environmental hazard (symbol: fish and tree).

ADN

14.1. UN number	1950
14.2. UN proper shipping name	AEROSOLS
14.3. Transport hazard class(es)	2.1
14.4. Packing group	-
14.5. Environmental hazards	The product should not be labelled as an environmental hazard (symbol: fish and tree).
Transport in tank vessels:	-

IMDG

14.1. UN number	1950
14.2. UN proper shipping name	AEROSOLS
14.3. Transport hazard class(es)	2.1
14.4. Packing group	-
14.5. Environmental hazards	The product is not a Marine Pollutant (MP).
IMDG Code segregation group:	-
Supplemental information:	-

ICAO/IATA

14.1. UN number	1950
14.2. UN proper shipping name	AEROSOLS, FLAMMABLE
14.3. Transport hazard class(es)	2.1
14.4. Packing group	-
14.5. Environmental hazards	The product should not be labelled as an environmental hazard (symbol: fish and tree).

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

Special provisions: Directive 2012/18/EU (Seveso), P3a FLAMMABLE AEROSOLS: Column 2: 150 (net) t, Column 3: 500 (net) t.

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Changes have been made in the following sections: 3,6,8,9,11,12,14

Abbreviation explanations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Classification method:

Calculation based on the hazards of the known components.

H-phrases:

H222 Extremely flammable aerosol.
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.

Training:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.
