Emissco

Fabric Protector Aerosol

Material Safety Data Sheet

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Material name : Fabric Protector Aerosol

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

Product use : Surface treatment

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Emissco Ltd
New Haden Road
Brookhouses Ind Est
Cheadle
Staffordshire
ST10 1UF

Tel. : 01538 752561

Email (for SDSs) : orders@emissco.co.uk

1.4 Emergency tel. no.: 01538 752561 (Available 9am-5pm)

National emergency telephone number: UK NPIS 0344 892 0111 Ireland NPIC (01) 809 2566
National Poisons Information Centre on 01 809 2166

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to Regulation (EC) 1272/2008: Classification, Labelling and Packaging of Substances and Mixtures (CLP):

Physical and Chemical Hazard	Aerosol Cat. 1; H222; H229
Human health	Skin Irrit.2; H315; STOT SE3; H336
Environment	Aquatic Chronic 2; H411

2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC:

Signal word: Danger **Contains:** Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cyclics, <5% n-Hexane; Hydrocarbons, C6, isoalkanes, <5% n-Hexane.

Hazard Pictogram(s):

Hazard Statements:

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements:

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.
P261	Avoid breathing vapour/spray.
P271	Use only outdoors or in a well-ventilated area.

Precautionary Statements (continued):

P273	Avoid release to the environment.
P280	Wear protective gloves/eye/face protection.
P302+P352	IF ON SKIN: Wash with soap and water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P501	Dispose of contents/container in accordance with local/national regulations.

2.3 Other hazards In use, may form flammable / explosive vapour-air mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components

Chemical Name	CAS No./ EC No./ Index No./ Reg. No	Classification (1272/2008/EC)	SCL/ M-Factor/ ATE	Content
HYDROCARBONS, C6-C7, n-ALKANES, ISOALKANES, CYCLICS, <5% n-HEXANE	- 921-024-6 01-2119475514-35	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411	M-Factor = 0	40-50%
LIQUEFIED PETROLEUM GAS (contains <0.1% 1,3-butadiene)	68476-85-7 270-704-2 -	Flam.Gas 1; H220 Gas under pressure; H280	No relevant data.	30-40%
HYDROCARBONS, C6, ISOALKANES, <5% n-HEXANE	- 931-254-9 01-2119484651-34	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411	No relevant data.	10-20%
n-BUTYL ACETATE	123-86-4 204-658-1 607-025-00-1 01-2119485493-29	Flam. Liq. 3; H226 STOT SE3; H336 EUH066	No relevant data.	1-5%

See Section 16 for the full text of the H-statements noted above.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

Skin contact: Wash with soap and water. Seek medical advice if irritation develops.

Eye contact: Rinse with water for 10 minutes and seek medical advice if irritation persists.

Ingestion: Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

Inhalation: Remove to fresh air. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed: May cause irritation to skin and eyes with prolonged contact.

4.3 Indication of any immediate medical attention and special treatment needed: See skin and eye contact information above.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.

Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.
Further information: Standard procedure for chemical fires. Use water spray to cool containers.
Do not allow fire run-off to enter drains.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

6.3 Methods and materials for containment and cleaning up

Wipe up liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

6.4 References to other sections

See sections 8 and 13 for personal protection and disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not breathe spray mist. Avoid contact with skin and eyes. Handle with care.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area, below 50°C. Protect from frost, heat and sunlight. Keep away from food, drink and animal feed.

7.3 Specific end use(s)

No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values

Chemical name	8hr TWA	15min STEL	Reference
Liquefied petroleum gas	1750 mg/m^3/1000 ppm	2810 mg/m^3/1250 ppm	UK EH40/2005
RCP Aliphatic solvents 60-95, low n-hexane	1000 mg/m^3 /250 ppm	-	UK SIA
n-Butyl Acetate	724 mg/m^3 /150 ppm	966 mg/m^3 /200 ppm	UK EH40/2005
	241 mg/m^3 /50 ppm	723 mg/m^3 /150 ppm	EU IOEL

Information on monitoring procedures:

Reference standard: EN 14042:2003 - "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

DNEL:

DNEL (workers)	Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cyclics, <5% n-Hexane	Hydrocarbons, C6, isoalkanes, <5% n-hexane	n-Butyl Acetate
Chronic systemic effects (dermal)	773 mg/kg	13964 mg/kg bw/day	7 mg/kg bw/day
Chronic systemic effects (inhalation)	2035 mg/m^3	5306 mg/m^3	48 mg/m^3

DNEL (consumers)	Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cyclics, <5% n-Hexane	Hydrocarbons, C6, isoalkanes, <5% n-hexane	n-Butyl Acetate
Chronic systemic effects (dermal)	699 mg/kg	1377 mg/kg bw/day	3.4 mg/kg bw/day
Chronic systemic effects (inhalation)	608 mg/m^3	1131 mg/m^3	12 mg/m^3
Chronic systemic effects (oral)	699 mg/kg	1301 mg/kg/day	2 mg/kg bw/day

PNEC:

Environment	n-Butyl Acetate
Aquatic Compartment	
Fresh water	180 µg/l
Marine water	18 µg/l
Water-intermittent (sporadic) release	360 µg/l
Dry Sediment – fresh water	981 µg/kg
Dry Sediment – marine water	98.1 µg/kg
Terrestrial Compartment	
Dry soil	90.3 µg/kg
Sewage treatment plant	35.6 mg/l

The hydrocarbon solvent has a complex, unknown or variable composition (UVCB). Conventional methods of deriving PNECs are not appropriate and it is not possible to identify a single representative PNEC for such substances.

8.2 Exposure controls

Appropriate engineering controls: Ensure there is sufficient ventilation of the area.

Personal protection

Eye/face protection: Chemical splash goggles if eye contact is reasonably probable. The selected goggles or glasses must satisfy the European standard EN 166.

Skin protection: Wear chemically resistant gloves such as butyl rubber approved to standard EN 374; material thickness 0.5mm; break through time ≥ 480 min. Gloves must be replaced after 8 hours of wear. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Check with glove manufacturer for specific advice.
Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn. The selected protective clothing has to satisfy the standard EN 13034, which describes clothing offering limited 8 hour protection against splashes. Use PPE that is chemically resistant to the product and prevents skin contact.

Respiratory protection: If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required, in which case use a respirator fitted with an organic vapour filter.

Environmental exposure controls: Do not discharge into drains or rivers.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Aerosol
Colour	Colourless
Odour	Paraffinic
Melting point/freezing point	No data available
Boiling point/range	No data available
Flammability	Extremely flammable
Lower/Upper explosion limit	0.8% / 9.0%
Flash point	<0°C
Auto-ignition temperature	>230°C
Decomposition temperature	No data available
pH	Not applicable – non polar
Kinematic viscosity	No data available
Solubility	Insoluble in water
Partition coefficient: n-octanol/water	Not applicable for mixtures
Vapour pressure	No data available
Density	No data available
Relative vapour density	No data available
Particle characteristics	Not applicable

9.2 Other information: VOC Content: ~98.8%

10. STABILITY AND REACTIVITY

10.1 Reactivity	Generally non-reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None if stored and used as directed.
10.4 Conditions to avoid	None known.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition products	Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

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

The mixture as a whole has not been tested for toxicological effects. Toxicological data on individual components is listed below.

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Liquefied petroleum gas	Not applicable	>20mg/l (Rat) 4h	Not applicable
Hydrocarbon solvent blend	>2000 mg/kg (Rat)	>20 mg/l (Rat) 4h	>2000 mg/kg (Rat)
n-Butyl Acetate	10,760 mg/kg (Rat)	21.4 mg/l (Rat) 4h	14,112 mg/kg (Rabbit)

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

Skin corrosion/irritation: The mixture is classified as Sk. Irrit. 2, H315: Causes skin irritation.

Serious eye damage/eye 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.

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: The mixture is classified as STOT SE3, H336; May cause drowsiness or dizziness.

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 The product as a whole may cause irritation of skin, eyes, nose and upper respiratory tract if exposed to high levels of spray mist.

Endocrine disrupting properties No ingredients have been identified as having endocrine disrupting properties.

12. ECOLOGICAL INFORMATION

The mixture as a whole has not been tested for ecological effects. Ecological data on individual components is listed below.

Chemical name	Species	Test	Value
Hydrocarbon solvent blend	Daphnia	LL/EL/IL50	1-10 mg/l
	Rainbow trout	LL/EL/IL50	1-10 mg/l
	Algae	LL/EL/IL50	10-100 mg/l
n-Butyl Acetate	Daphnia	EC50	44 mg/l
	Fish	LC50	18 mg/l
	Algae	ErC50	648 mg/l

Physical properties indicate that petroleum gases will rapidly volatilise from the aquatic environment and that acute and chronic effects would not be observed in practice.

12.1 Toxicity Classified as Aq.Chronic 2; H411: Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability Expected to be readily biodegradable .

12.3 Bioaccumulative potential Low potential for bioaccumulation.

12.4 Mobility in soil Highly volatile, will partition rapidly to air.
Not expected to partition to sediment and wastewater.

12.5 Results of PBT and vPvB assessment Contains no PBT or vPvB substances.

12.6 Endocrine disrupting properties No ingredients have been identified as having endocrine disrupting properties.

12.7 Other adverse effects

Persistent Organic Pollutant This product does not contain any known or suspected substance.

Ozone Depletion Potential This product does not contain any known or suspected substance.

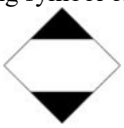
13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations.
Contact licensed waste disposal company. Most aerosols can be recycled.
Do not pierce or burn or use a cutting torch on the empty aerosol container.

14. TRANSPORT INFORMATION

General Information: The UN number for all aerosols is 1950. Aerosols packed in fibreboard cartons up to 30 kg gross weight, or shrink/stretch wrapped onto trays up to 20 kg gross weight may be transported as Limited Quantities, and should display the following symbol on the pack:



The following information relates to all other aerosols not transported as Limited Quantities:

14.1 UN number	ADR/RID/ADN; IMDG; ICAO	1950
14.2 UN proper shipping name	AEROSOLS	
14.3 Transport hazard class(es)	ADR/RID/ADN Class	2, 5F
	ADR/RID/ADN Class	Class 2, Gases
	ADR Label No.	2.1
	IMDG Class	2
	ICAO Class/Division	2
	ICAO Subsidiary risk	2.1
	Transport labels	

14.4 Packing Group	ADR/RID/ADN; IMDG; ICAO	Not applicable for aerosols
14.5 Environment hazards	Marine Pollutant	Not applicable for aerosols.
14.6 Special precautions for user	EMS	F-D, S-U
	Tunnel restriction code	(D)
14.7 Maritime transport in bulk according to IMO instruments		Not applicable for aerosols.

15. REGULATORY INFORMATION

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

EU Directives

Regulations (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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been performed on this product.

16. OTHER INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and Commission Regulation (EU) 2020/878 amending Annex II to Regulation (EC) No. 1907/2006.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 (CLP):

Physical hazards:	On basis of test data/Expert judgement.
Health hazards:	Calculation method
Environmental hazards:	Calculation method

Full text of H-statements referred to under sections 2 and 3

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.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Abbreviations and acronyms

ATE: Acute Toxicity Estimate.
CAS: Chemical Abstract Service (division of the American Chemical Society).
STOT: Single Target Organ Toxicity
SE: Single exposure
DNEL: Derived no effect level – a level above which humans should not be exposed.
PNEC: Predicted No Effect Concentration
TWA: Time-weighted average.
SCL: Specific Concentration Limit
STEL: Short-term exposure limit.
PBT: Persistent, Bioaccumulative, Toxic.
vPvB: very Persistent and very Bioaccumulative.
PBT: Persistent, Bioaccumulative, Toxic. (Section 12).
vPvB: very Persistent and very Bioaccumulative. (Section 12).

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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