

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 05/02/2018 Supersedes: 23/10/2012 Version: 2.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking Product dom time Product dom time Product dom time Name :: CliMALIFE HQ POE 22 Product dom time :: Synthetic polyelester of for refrigeration compressors 12.1 Relevant identified uses of the substance or mixture and uses advised against Na additional information available Image: Climatified the substance of the substance of mixture and uses advised against Na additional information available Image: Climatified the substance of	SECTION 1: Ide	entification of the substan	ce/mixture and	of the con	npany/undertaking	
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IDS Refrigeration Limited Green Court, Kings Weston Lane Avonmouth BS11 8AZ Bristol - United Kingdom T 00 44 1179 802520 - F 00 44 1179 802521 ContactFDS@climalife.dehon.com 1.4. Emergency telephone number Emergency number : +33 (0) 1 72 11 00 03 Country Organisation/Company Address Emergency number Comment United Kingdom National Poisons Information Service (Birmingham Centre) City Hospital Galco s.a/n.v. Avenue Carton de Wiart, 79 1090 BRUSSELS - Belgium T 00 32 2 421 01 84 - F 00 32 2 425 38 12 ContactFDS@climalife.dehon.com 1.4. Emergency telephone number Emergency number : +33 (0) 1 72 11 00 03 Country Organisation/Company Address Emergency number Comment United Kingdom National Poisons Information Service (Birmingham Centre) Dulley Road B18 7QH Birmingham	Other Climalife Kft Budepesta sucurcala Bucuresti Romania Bulevardul Hristo Botev, Nr. 28, Biroul NR 4, Modulul I Bucuresti Sectorul 3 - Romania		Dehon nordic service Östra Hamngatan 50B 3tr 41109 GÖTEBORG - Sweden T 00 46 44 21 58 80 - F 00 46 44 21 58 80			
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Service (Birmingham Centre) City Hospital		• • •				Comment
SECTION 2: Hazards identification	Service (Birmingham Centre) B18 7QH Birmingham			0344 892 0111		
	SECTION 2: Ha	zards identification				
2.1. Classification of the substance or mixture	2.1. Classifica	tion of the substance or mixture	e			
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Classification acco	rding to Regulation (EC) No. 12	72/2008 [CLP]			
Not classified						

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

SECTION 3: Composition/information on ingredients

2.3. Other hazards

3.1.

No additional information available

Substances

Not applicable		
3.2. Mixtures		
This mixture does not contain any substance	to be mentioned according to the criteria of section 3.2	of REACH annex II
SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general	: Never give anything by mouth to an unconscious advice (show the label where possible).	s person. If you feel unwell, seek medical
First-aid measures after inhalation	: Not specifically applicable. In case of troubles : A rest.	Assure fresh air breathing, Allow the victim to
First-aid measures after skin contact	: Remove affected clothing and wash all exposed by warm water rinse.	skin area with mild soap and water, followed
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain m persists.	nedical attention if pain, blinking or redness
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Get med	lical advice/attention.
4.2. Most important symptoms and e	fects, both acute and delayed	
Symptoms/effects	: See Heading 11.	
4.3. Indication of any immediate med	cal attention and special treatment needed	
No supplementary information available.		
SECTION 5: Firefighting measure		
5.1. Extinguishing media		
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide.	
Unsuitable extinguishing media	: Do not use a heavy water stream.	
5.2. Special hazards arising from the	substance or mixture	
Fire hazard	: Does not present any particular risk in the event	of a fire.
5.3. Advice for firefighters		
Protection during firefighting	: Do not enter fire area without proper protective e	equipment, including respiratory protection.
SECTION 6: Accidental release m	asures	
6.1. Personal precautions, protective	equipment and emergency procedures	
General measures	: Only qualified personnel equipped with suitable p	protective equipment may intervene.
6.1.1. For non-emergency personnel No additional information available		
6.1.2. For emergency responders No additional information available		
6.2. Environmental precautions		
Avoid release to the environment. Do not allo		
6.3. Methods and material for contain	• •	
Methods for cleaning up	: Pump up the product into a suitably labelled span pools are too small, absorb with : sand or inert al	
6.4. Reference to other sections		
See Heading 8. Exposure controls and perso	nal protection. Concerning disposal elimination after clea	aning, see section 13.
05/02/2018	EN (English) SDS	Ref.: 103510000 2/6

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECT	ION 7: Handling and storage	
7.1.	Precautions for safe handling	
Precautions for safe handling :		: Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Ensure good ventilation of the work station.
7.2.	Conditions for safe storage, including	a any incompatibilities
	e en antiene ner eare eterage, meraan	g any meenpadomees
Storage		: Keep/Store away from Incompatible materials.
Ũ		

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure controls

Additional information

: No specific limit

Hand protection:

8.2.

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
	Neoprene rubber (HNBR)	5 (> 240 minutes)	> 0.35 mm		EN 374, EN 388, EN 407

Eye protection:

Safety glasses

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical	properties	
9.1. Information on basic physical and chemical properties		
Physical state	: Liquid	
Colour	: light yellow.	
Odour	: slight.	
Odour threshold	: No data available	
рН	: No data available	
Relative evaporation rate (butylacetate=1)	: No data available	
Melting point	: No data available	
Freezing point	: No data available	
Boiling point	: > 250 °C	
Flash point	: 240 °C (Open cup)	
Auto-ignition temperature	: 390 °C	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: Non flammable.	
Vapour pressure	: 0,1 mm Hg 20°C	
Relative vapour density at 20 °C	: No data available	
Relative density	: No data available	
Density	: 0,995 g/cm³ 20°C	
Solubility	: Insoluble in water.	
Log Pow	: No data available	
Viscosity, kinematic	: 18,9 mm²/s 40°C	
Viscosity, dynamic	: No data available	
Explosive properties	: No data available	
Oxidising properties	: No data available	
Explosive limits	: No data available	

Safety Data Sheet

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9.2.	Other information		
	No additional information available		
SECT	ION 10: Stability and reactivity		
10.1.	Reactivity		
No data	available.		
10.2.	Chemical stability		
Stable a	at ambient temperature and under normal conditions of use.		
10.3.	Possibility of hazardous reactions		
Not esta	ablished.		
10.4.	Conditions to avoid		
No addi	tional information available		
10.5.	Incompatible materials		
Strong a	acids. Strong bases. oxidizing materials.		
10.6.	Hazardous decomposition products		

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information	on
11.1. Information on toxicological effects	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
CLIMALIFE HQ POE 22	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Skin corrosion/irritation	: Not classified
Additional information	: Prolonged or repeated contact with the skin may cause dermatitis
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Additional information	: No information available No data available
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Additional information	: No data available
STOT-single exposure	: Not classified
Additional information	: No data available
STOT-repeated exposure	: Not classified
Additional information	: No data available
Aspiration hazard	: Not classified
CLIMALIFE HQ POE 22	
Viscosity, kinematic	18,9 mm²/s 40°C

SECTI	ON 12: Ecological informati	n
12.1.	Toxicity	
Acute ad	quatic toxicity	: Not classified
Chronic aquatic toxicity		: Not classified
12.2.	Persistence and degradability	

CLIMALIFE HQ POE 22			
Persistence and degradability	76 % biodegradation after 28 days.		
12.3. Bioaccumulative potential			
CLIMALIFE HQ POE 22			
Bioaccumulative potential	Not established.		
05/02/2018	EN (English)	SDS Ref.: 103510000	4/6

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.4.	Mobility in soil		
	No additional information available		
NU addi			
12.5.	Results of PBT and vPvB assessme	nt	
No addi	tional information available		
12.6.	Other adverse effects		
Addition	nal information	: Avoid release to the environment.	
SECT	ION 13: Disposal consideration	S	
13.1.	Waste treatment methods		

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	ΙΑΤΑ	RID
14.1. UN number			
Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping nam	10		
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

- Overland transport Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

- Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

Reference to AwSV	: Water hazard class (WGK) 1, low hazard to waters (Classification according to AwSV, Annex 1)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

15.2. Chemical safety assessment

Not applicable.

05/02/2018

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 16: Other information

Indication of changes:

All chapters have been modified since the previous version.

Data sources	: 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product