

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

#### 1.1. Product identifier

Product form : Substance  
 Name : R-744  
 Chemical name : Carbon dioxide  
 EC-No. : 204-696-9  
 CAS-No. : 124-38-9  
 Product code : 100174400  
 REACH authorisation exemptions : Exempted from REACH registration

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Use as refrigerant.

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Dehon Service SA  
 26 Avenue du Petit Parc  
 94683 VINCENNES Cedex - France  
 T 01 43 98 75 00 - F 01 43 98 21 51  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

Climalife Kft Budepesta sucurcala Bucuresti Romania  
 Bulevardul Hristo Botev, Nr. 28,  
 Biroul NR 4, Modulul I  
 Bucuresti Sectorul 3 - Romania  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

Dehon Kälte-Fachvertriebs GmbH  
 Robert-Bosch-Strasse 14  
 40668 MEERBUSCH - Germany  
 T 00 49 2150 7073 0 - F 00 49 2150 7073 17  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

Dehon Service Belgium s.a/n.v.  
 Avenue Carton de Wiart, 79  
 1090 Bruxelles - Belgium  
 T 00 32 2 421 01 70 - F 00 32 2 426 96 62  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

Friogas sa  
 Poligono Industrial SEPES  
 Parcela 10  
 46500 SAGUNTO (Valencia) - Spain  
 T 00 34 9 6 266 36 32 - F 00 34 9 6 266 50 25  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

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](mailto:ContactFDS@climalife.dehon.com)

##### Other

Climalife Hongrie Kft  
 Rét u. 2  
 2040 Budaörs - Hungary  
 T 00 36 23 431 660 - F 00 36 23 431 661  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

Climalife Supplied by Inventec Performance Chemicals Italia SRL  
 Via del Lavoro, 10/G  
 20874 Busnago MB - Italia  
 T +39 39-5973480 - F +39 39-5973490  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

Dehon nordic service  
 Östra Hamngatan 50B 3tr  
 41109 GÖTEBORG - Sweden  
 T 00 46 44 21 58 80 - F 00 46 44 21 58 80  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

Dehon Service Nerderland B.V.  
 Van Konijnenburgweg 84  
 NL-4612 PL Bergen Op Zoom - Netherlands  
 T 00 31 164 212 830 - F 00 31 164 212 831  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

Galco s.a/n.v.  
 Avenue Carton de Wiart, 79  
 1090 BRUSSELS - Belgium  
 T 00 32 2 421 01 84 - F 00 32 2 421 01 84 / 00 32 2 425 38 12  
[ContactFDS@climalife.dehon.com](mailto:ContactFDS@climalife.dehon.com)

##### Other

Prochimac SA  
 Rue du Château 10  
 CH-2000 NEUCHÂTEL - Switzerland  
 T 00 41 32 727 36 00 - F 00 41 32 727 36 19  
[ContactFDS@climalife.dehon.com](mailto: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	Dudley Road B18 7QH Birmingham	0344 892 0111	

# R-744

## Safety Data Sheet

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

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Press. Gas (Liq.) H280

Full text of hazard classes and H-statements : see section 16

#### Adverse physicochemical, human health and environmental effects

Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Contact with the liquid may cause frostbite and serious damage to eyes. Under certain temperature and pressure conditions may form a flammable mixture in the presence of air.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS04

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H280 - Contains gas under pressure; may explode if heated.

Precautionary statements (CLP) :

P410+P403 - Protect from sunlight. Store in a well-ventilated place.

#### 2.3. Other hazards

Other hazards not contributing to the classification : Asphyxiant in high concentrations. Contact with the liquid may cause cold burns/frostbite.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Name : R-744  
CAS-No. : 124-38-9  
EC-No. : 204-696-9

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Carbon dioxide	(CAS-No.) 124-38-9 (EC-No.) 204-696-9	100	Press. Gas (Liq.), H280

Full text of H-statements: see section 16

#### 3.2. Mixtures

Not applicable

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove victim to uncontaminated area wearing self contained breathing apparatus. Keep victim warm and rested. Call a doctor. Apply artificial respiration if breathing stopped.

First-aid measures after skin contact : In the event of contact with the liquid: treat resulting frostbite as a burn. In case of frostbite spray with water for at least 15 minutes. Apply a sterile dressing. Obtain medical assistance.

First-aid measures after eye contact : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Consult an eye specialist immediately.

First-aid measures after ingestion : Ingestion is not considered a potential route of exposure.

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

Symptoms/effects : In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation. Disturbances of consciousness. Headache.

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

No additional information available

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

- Explosion hazard : Heating will cause a rise in pressure with a risk of bursting.

#### 5.3. Advice for firefighters

- Firefighting instructions : Use fire control measures appropriate for the surrounding fire. Exposure to fire and heat radiation may cause gas receptacles to rupture. Cool endangered receptacles with water spray jet from a protected position. Prevent water used in emergency cases from entering sewers and drainage systems. If possible, stop flow of product. Use water spray or fog to knock down fire fumes if possible. Move containers away from the fire area if this can be done without risk.  
Protection during firefighting : Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Try to stop release. Evacuate the danger area. Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe. Ensure adequate ventilation. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Act in accordance with local emergency plan. Stay upwind. Oxygen detectors should be used when asphyxiating gases may be released.

##### 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

Try to stop release.

#### 6.3. Methods and material for containment and cleaning up

- Other information : Keep area evacuated and free from ignition sources until any spilled liquid has evaporated. (Ground free from frost).

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Handle in accordance with good industrial hygiene and safety procedures. Do not breathe gas. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Take precautionary measures against static discharge. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Avoid suck back of water, acid and alkalis.  
Hygiene measures : Do not drink, eat or smoke in the workplace.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store : in a cool, well-ventilated area, at temperature not exceeding 50°C, away from any source of ignition. only in the original container. Keep/Store away from Incompatible materials.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

R-744 (124-38-9)		
Croatia	Local name	1,1,1,2-Tetrafluoroetan (Norfluran)
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	4240 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	1000 ppm
Australia	Local name	1,1,1,2-Tetrafluoroethane
Australia	TWA (mg/m <sup>3</sup> )	4240 mg/m <sup>3</sup>
Australia	TWA (ppm)	1000 ppm
Carbon dioxide (124-38-9)		
Austria	MAK (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Austria	MAK (ppm)	5000 ppm

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Carbon dioxide (124-38-9)		
Austria	MAK Short time value (mg/m <sup>3</sup> )	18000 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	10000 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	9131 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	5000 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	54784 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	30000 ppm
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (PEL) (ppm)	5000 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	45000 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (NPK-P) (ppm)	25020 ppm
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	5000 ppm
Denmark	Anmærkninger (DK)	E
Estonia	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	5000 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	9100 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	5000 ppm
France	VME (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
France	VME (ppm)	5000 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	9100 mg/m <sup>3</sup>
Germany	TRGS 900 Occupational exposure limit value (ppm)	5000 ppm
Greece	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	5000 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	54000 mg/m <sup>3</sup>
Hungary	Local name	SZÉN-DIOXID
Hungary	AK-érték	9000 mg/m <sup>3</sup>
Hungary	Megjegyzések (HU)	EU2
Ireland	Local name	Carbon dioxide
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	5000 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	27000 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	15000 ppm
Italy	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Italy	OEL TWA (ppm)	5000 ppm
Latvia	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Latvia	OEL TWA (ppm)	5000 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	5000 ppm
Luxembourg	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Luxembourg	OEL TWA (ppm)	5000 ppm
Malta	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	5000 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Poland	NDS (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	27000 mg/m <sup>3</sup>
Portugal	OEL TWA (ppm)	5000 ppm
Portugal	OEL STEL (ppm)	30000 ppm
Romania	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	5000 ppm
Slovenia	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>

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Carbon dioxide (124-38-9)		
Slovenia	OEL TWA (ppm)	5000 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	9150 mg/m <sup>3</sup>
Spain	VLA-ED (ppm)	5000 ppm
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	5000 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	18000 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	10000 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	9150 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	5000 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	27400 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	15000 ppm
Iceland	OEL (8 hours ref) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Iceland	OEL (8 hours ref) (ppm)	5000 ppm
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Norway	Grenseverdier (AN) (ppm)	5000 ppm
Switzerland	MAK (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Switzerland	MAK (ppm)	5000 ppm
USA - ACGIH	ACGIH TWA (ppm)	5000 ppm
USA - ACGIH	ACGIH STEL (ppm)	30000 ppm
USA - ACGIH	Remark (ACGIH)	Asphyxia
USA - OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
USA - OSHA	OSHA PEL (TWA) (ppm)	5000 ppm

### 8.2. Exposure controls

#### Appropriate engineering controls:

Provide local exhaust or general room ventilation. Do not exceed the occupational exposure limits (OEL).

#### Hand protection:

cold-insulating gloves. Leather or nitrile-rubber protective gloves

#### Eye protection:

Safety glasses with side shields

#### Skin and body protection:

Majority cotton protective clothing. safety foot-wear

#### Respiratory protection:

In the event of insufficient ventilation: Gas mask with filter type AX. In a confined area : Self-contained breathing apparatus

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Gas
Appearance	: Press. Gas (Liq.).
Molecular mass	: 44 g/mol
Colour	: Colourless.
Odour	: No odour warning properties.
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: -78,5 °C
Freezing point	: No data available
Boiling point	: -56,6 °C
Flash point	: Not applicable.
Critical temperature	: 30 °C
Auto-ignition temperature	: No data available

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Decomposition temperature	: Not applicable.
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: 57,3 bar (20°C)
Relative vapour density at 20 °C	: Not applicable
Relative density	: 0,82
Relative gas density	: 1,52
Solubility	: Material highly soluble in water. Water: 2 g/l
Log Pow	: No data available
Log Kow	: 0,83
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive material according to EC criteria.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Prevent moisture contact.

### 10.5. Incompatible materials

Combustible materials.

### 10.6. Hazardous decomposition products

None.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Additional information	: Suffocation hazard by lack of oxygen
Skin corrosion/irritation	: Not classified pH: Not applicable
Additional information	: Contact with the liquid causes frostbite
Serious eye damage/irritation	: Not classified pH: Not applicable
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic toxicity	: Not classified
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Chronic aquatic toxicity : Not classified

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### R-744 (124-38-9)

Log Kow 0,83

#### Carbon dioxide (124-38-9)

Log Pow 0,83

### 12.4. Mobility in soil

#### R-744 (124-38-9)

Ecology - soil Highly volatile product.

### 12.5. Results of PBT and vPvB assessment

#### R-744 (124-38-9)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

Other adverse effects : Total global warming potential (GWP) : 1.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods





Regional legislation (waste) : The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal.

Waste treatment methods : Refer to manufacturer or supplier for information on recovery or recycling. Dispose in a safe manner in accordance with local/national regulations.

Additional information : Do not discharge into any place where its accumulation could be dangerous.

## SECTION 14: Transport information

In accordance with ADR / IATA / IMDG / RID

ADR	IMDG	IATA	RID
<b>14.1. UN number</b>			
1013	1013	1013	1013
<b>14.2. UN proper shipping name</b>			
CARBON DIOXIDE	CARBON DIOXIDE	Carbon dioxide	CARBON DIOXIDE
<b>Transport document description</b>			
UN 1013 CARBON DIOXIDE, 2.2, (C/E)	UN 1013 CARBON DIOXIDE, 2.2	UN 1013 Carbon dioxide, 2.2	UN 1013 CARBON DIOXIDE, 2.2
<b>14.3. Transport hazard class(es)</b>			
2.2	2.2	2.2	2.2
			
<b>14.4. Packing group</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available			

### 14.6. Special precautions for user

#### - Overland transport

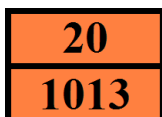
Classification code (ADR) : 2A  
Special provisions (ADR) : 378, 584, 653, 662  
Limited quantities (ADR) : 120ml  
Excepted quantities (ADR) : E1

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Packing instructions (ADR)	: P200
Mixed packing provisions (ADR)	: MP9
Portable tank and bulk container instructions (ADR)	: (M)
Tank code (ADR)	: PxBN(M)
Tank special provisions (ADR)	: TA4, TT9
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV9, CV10, CV36
Hazard identification number (Kemler No.)	: 20
Orange plates	:



Tunnel restriction code (ADR)	: C/E
EAC code	: 2T

### - Transport by sea

Special provisions (IMDG)	: 378
Limited quantities (IMDG)	: 120 ml
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P200
EmS-No. (Fire)	: F-C
EmS-No. (Spillage)	: S-V
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Liquefied, non-flammable gas.Heavier than air (1.5). Cannot remain in the liquid state above 31°C.

### - Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Forbidden
PCA limited quantity max net quantity (IATA)	: Forbidden
PCA packing instructions (IATA)	: 200
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 200
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A202
ERG code (IATA)	: 2L

### - Rail transport

Special provisions (RID)	: 378, 584, 653, 662
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P200
Mixed packing provisions (RID)	: MP9
Portable tank and bulk container instructions (RID)	: (M)
Special provisions for RID tanks (RID)	: TA4, TT9, TM6
Transport category (RID)	: 3
Special provisions for carriage - Loading, unloading and handling (RID)	: CW9, CW10, CW36
Colis express (express parcels) (RID)	: CE3
Hazard identification number (RID)	: 20

### 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

No REACH Annex XVII restrictions



# R-744

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R-744 is not on the REACH Candidate List

R-744 is not on the REACH Annex XIV List

### 15.1.2. National regulations

Ensure all national/local regulations are observed.

#### Germany

Reference to AwSV : Water hazard class (WGK) nwg, Non-hazardous to water (Classification according to AwSV; ID No. 256)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required

## SECTION 16: Other information

Indication of changes:

All chapters have been modified since the previous version.

Other information : For more information regarding the use of this product, please refer to our technical information or contact the sales department in your region.

Full text of H- and EUH-statements:

Press. Gas (Liq.)	Gases under pressure : Liquefied gas
H280	Contains gas under pressure; may explode if heated.

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*