

Gas mixture R404A

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: RS-R404A-135 Issue date: 03/21/2015 Revision date: 09/01/2024 Supersedes: 09/01/2023 Version: 2D

Warning



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

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1.1. Product identifier	
Trade name	: Gas mixture R404A
SDS no	: RS-R404A-135
Drugi nazivi	: HFC404A
CAS br.	: None.
EC br.	: None.
Indeks br.	: None.
1.2. Relevant identified uses of the s	substance or mixture and uses advised against
Relevant identified uses	: Industrial and professional uses.
	Test gas / Calibration gas. Laboratory use. Use as refrigerant.
	Perform risk assessment prior to use.
	Contact your supplier for more information on other uses.
Uses advised against	: Consumer use.
	Uses other than those listed above are not supported, contact your supplier for more
	information on other uses.

1.3. Details of the supplier of the safety data sheet

Messer Tehnogas AD Beograd Banjicki put , 62 RS– 11090 Belgrade, Serbia T +381 11 35 37 200 - F +381 11 35 37 291 postoffice@messer.rs - www.messer.rs

1.4. Emergency telephone number

	lephone number	Emergency
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: Poison Control Center, VMA Crnotravska 17, Belgrade Serbia Tel.: +381(0) 11 360 8440 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] H280 Physical hazards Gases under pressure : Liquefied gas 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) - Storage : P403 - Store in a well-ventilated place. Supplemental information : Contains greenhouse gases listed in Annex I of EU 2024/573.



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2.3. Other hazards

The mixture is not flammable in air at normal temperature and pressure. Certain compounds with air, under a certain pressure, they can be flammable. Asphyxiant in high concentrations. Contact with liquid may cause cold burns/frostbite. Not classified as PBT or vPvB. The substance/mixture has no endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP] ATE, EUH-statements, M-Factors
1,1,1 Trifluoroethane (R143a)	CAS no.: 420-46-2 EC no.: 206-996-5 Index no.: REACH no.: 01-2119492869-13	52	Flam. Gas 1B, H221 Press. Gas (Liq.), H280
Pentafluoroethane (R125)	CAS no.: 354-33-6 EC no.: 206-557-8 Index no.: REACH no.: 01-2119485636-25	44	Press. Gas (Liq.), H280
1,1,1,2 Tetrafluoroethane (R134a)	CAS no.: 811-97-2 EC no.: 212-377-0 Index no.: REACH no.: 01-2119459374-33	4	Press. Gas (Liq.), H280

Full text of H- and EUH-statements: see section 16

Contains no other components or impurities which will influence the classification of the product.

SECTION 4: First aid measures		
4.1. Description of first aid measures		
- Inhalation	: Remove victim to uncontaminated area wearing self contained breathing apparatus.	
	Keep victim warm and rested. Maintain an open airway. Call a doctor.	
	Perform cardiopulmonary resuscitation if breathing stopped.	

- Skin contact	: Carefully remove contaminated clothing. In case of frostbite spray with water for at least 15
	minutes. Do not use hot water! Apply a sterile dressing. Obtain medical assistance.
- Eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove any contact
	lenses. Obtain medical assistance.
- Ingestion	: Ingestion is not considered a potential route of exposure.

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

In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation. See section 11.

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

Take first aid measures. Loosen tight clothing, such as a collar, tie or belt. Place the unconscious person in a lateral position. Seek medical attention.



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SECTION 5: Firefighting measures

5.1. Extinguishing media

o.n. Extinguishing media		
- Suitable extinguishing media	:	Water spray or fog. Product does not burn, use fire control measures appropriate for the surrounding fire.
- Unsuitable extinguishing media	:	Do not use water jet to extinguish.
5.2. Special hazards arising from the substance of	or	mixture
Specific hazards Hazardous combustion products		Exposure to fire may cause containers to rupture/explode. Carbon monoxide. Hydrogen fluoride. Carbonyl fluoride.
5.3. Advice for firefighters		
Specific methods	:	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.
Special protective equipment for fire fighters	:	In confined space use self-contained breathing apparatus. Standard protective clothing and equipment (Self Contained Breathing Apparatus) for fire fighters. Standard EN 469 - Protective clothing for firefighters. Standard EN 659 - Protective gloves for firefighters. Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face mask.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipm For non-emergency personnel	: Act in accordance with local emergency plan.	
For non-energency personner	Try to stop release.	
	Evacuate area.	
	Ensure adequate air ventilation.	
	Prevent from entering sewers, basements and workpits, or any place where its	
	accumulation can be dangerous.	
	Stay upwind.	
	See section 8 of the SDS for more information on personal protective equipment.	
For emergency responders	: Wear self-contained breathing apparatus when entering area unless atmosphere is proved	
	to be safe.	
	Oxygen detectors should be used when asphyxiating gases may be released.	
	See section 5.3 of the SDS for more information.	
6.2. Environmental precautions		
	Try to stop release.	
6.3. Methods and material for containment and cleaning up		
	Ventilate area.	
6.4. Reference to other sections		

See also sections 8 and 13.



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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Safe use of the product	 The product must be handled in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke while working with the product. Wash hands after use. Wear personal protective equipment (See section 8). Only experienced and properly instructed persons should handle gases under pressure. Consider pressure relief device(s) in gas installations. Ensure the complete gas system was (or is regularily) checked for leaks before use. 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. Do not breathe gas. Avoid release of product into work area.
Safe handling of the gas receptacle	 Refer to supplier's container handling instructions. Protect containers from physical damage; do not drag, roll, slide or drop. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders.
	 Leave valve protection caps in place until the container has been secured against either a wall or bench or placed in a container stand and is ready for use. If the protection cap is too tight, remove it with adjustable wrench. Never insert sharp objects into the cavities of the cap, this can lead to damage to the valve and leakage. Open valve slowly to avoid pressure shock. If user experiences any difficulty operating valve discontinue use and contact supplier. Never attempt to repair or modify container valves or safety relief devices. Damaged valves should be reported immediately to the supplier. Keep container valve outlets clean and free from contaminants particularly oil and water. Replace valve outlet caps or plugs and container caps where supplied as soon as container is disconnected from equipment. Close container valve after each use and when empty, even if still connected to equipment. Never attempt to transfer gases from one cylinder/container to another. Never use direct flame or electrical heating devices to raise the pressure of a container. Do not allow backfeed into the container. Suck back of water into the container must be
	prevented. Do not remove or deface labels provided by the supplier for the identification of the content of the container.
7.2. Conditions for safe storage, including	any incompatibilities
	Observe all regulations and local requirements regarding storage of containers. Containers should not be stored in conditions likely to encourage corrosion. Container valve guards or caps should be in place. Containers should be stored in the vertical position and properly secured to prevent them

from falling over.

Stored containers should be periodically checked for general condition and leakage. Keep container below 50°C in a well ventilated place.

Store containers in location free from fire risk and away from sources of heat and ignition. Keep away from combustible materials.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1,1,1,2 Tetrafluoroethane (R134a) (811-97-2)

DNEL: Derived no effect level (Workers)

Long-term - systemic effects, inhalation

13936 mg/m³



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1,1,1,2 Tetrafluoroethane (R134a) (811-97-2)		
PNEC: Predicted no effect concentration		
Aqua (freshwater)		0.1 mg/l
Aqua (marine water)		0.01 mg/l
Aquatic, intermittent releases		1 mg/l
Sediment, freshwater		0.75 mg/kg dwt
Micro-organisms in sewage treatment plant (STP)		73 mg/l
Pentafluoroethane (R125) (354-33-6)		
DNEL: Derived no effect level (Workers)		
Long-term - systemic effects, inhalation		16444 mg/m ³
1,1,1 Trifluoroethane (R143a) (420-46-2)		
DNEL: Derived no effect level (Workers)		
Long-term - systemic effects, inhalation		38800 mg/m ³
1,1,1 Trifluoroethane (R143a) (420-46-2)		
PNEC: Predicted no effect concentration		
Aqua (freshwater)		0.35 mg/l
8.2. Exposure controls		
8.2.1. Appropriate engineering controls		
		quate general and local exhaust ventilation.
		der pressure should be regularily checked for leakages. osure is below occupational exposure limits (where available).
		ectors should be used when asphyxiating gases may be released.
		e use of a work permit system e.g. for maintenance activities.
8.2.2. Individual protection measures, e.g. persona	-	
		sment should be conducted and documented in each work area to assess the I to the use of the product and to select the PPE that matches the relevant risk.
		g recommendations should be considered:
		ant to the recommended EN/ISO standards should be selected.
Eye/face protection		es when transfilling or breaking transfer connections. N 166 - Personal eye-protection - specifications.
Skin protection		
- Hand protection		ng gloves when handling gas containers.
		N 388 - Protective gloves against mechanical risks, performance level 1 or ommended types include wrist gloves from leather or synthetic material with
	-	performance, fabric gloves, fabric gloves with leather palms.
	Wear cold in	nsulating gloves when transfilling or breaking transfer connections.
		N 511 - Cold insulating gloves, performance level 1 or higher. Recommended
		e insulated gauntlets or gloves specifically selected to prevent liquid penetratior of cryogenic liquids and to provide mechanical resistance.
- Other	-	shoes while handling containers.
		NISO 20345 - Personal protective equipment - Safety footwear.
Respiratory protection	used in oxyg	ed breathing apparatus (SCBA) or positive pressure airline with mask are to be gen-deficient atmospheres.
		ed breathing apparatus is recommended, where unknown exposure may be
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	Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face mask. Consult respiratory device supplier's product information for the selection of the appropriate device. When indicated by a risk assessment, Respiratory Protective Equipment must be used. The selection of the Respiratory Protective Device (RPD) must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected RPD.
Thermal hazards	: None in addition to the above sections.
8.2.3. Environmental exposure controls	
	Refer to local regulations for restriction of emissions to the atmosphere.

See section 13 for specific methods for waste gas treatment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
- Physical state at 20°C / 101.3kPa	: Gas.
- Colour	: Colourless.
Odour	: Ethereal.
Melting point / Freezing point	: Not applicable for gas mixtures.
Boiling point	: -47.2 °C up to -46.4 °C
Flammability	: The mixture is not flammable in air at normal temperature and pressure.
	Certain compounds with air, under a certain pressure, they can be flammable.
Lower explosion limit	: Not applicable.
Upper explosion limit	: Not applicable.
Flash point	: Not applicable for gases and gas mixtures.
Auto-ignition temperature	: Non flammable.
Decomposition temperature	: Not applicable.
рН	: Not applicable for gases and gas mixtures.
Viscosity, kinematic	: No reliable data available.
Water solubility [20°C]	: Mixture is partially soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not applicable for gas mixtures.
Vapour pressure [20°C]	: 12.34 bar(a)
	Component with lowest volatility: Pentafluoroethane (R125) 1.2 bar(a)
	Component with highest volatility: Trifluoroethane (R143a) 11.1 bar(a)
Vapour pressure [50°C]	: Not known.
Density and/or relative density	: Not applicable for gases and gas mixtures.
Relative vapour density (air=1)	: 3,43
Particle characteristics	: Not applicable for gases and gas mixtures.
	Nanoforms are not relevant for gases and gas mixtures.
9.2. Other information	
9.2.1. Information with regard to physical hazard	classes
Explosion limits	: Not applicable.
Oxidising properties	: No oxidising properties.
Critical temperature [°C]	Not known.

9.2.2. Other safety characteristics

 Molar mass
 : Not applicable for gas mixtures.

 Other data
 : Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity hazard other than the effects described in sub-sections below.

10.2. Chemical stability

Stable under normal conditions.



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Under certain conditions of temperature and pressure, it can form a flammable mixture with by air.
Avoid moisture in installation systems. (See Section 7.)
Light metals, bases and caustic products, strong oxidizing agents, fine metal powder (Al, Mg, Zn), moisture. For additional information on compatibility refer to ISO 11114.
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
During pyrolysis, CO_2 , CO , fluorine, carbonyl - fluorine, and hydrogen fluoride are released.

SECTION 11: Toxicological information

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

Acute toxicity	: No additional information available
1,1,1,2 Tetrafluoroethane (R134a) (811-97-2)	
LC50 Inhalation - Rat [ppm]	567000 ppm/4h
Skin corrosion/irritation	: No known effects from this product.
Serious eye damage/irritation	: No known effects from this product.
Respiratory or skin sensitisation	: No known effects from this product.
Germ cell mutagenicity	: No known effects from this product.
Carcinogenicity	: No known effects from this product.
Toxic for reproduction : Fertility	: No known effects from this product.
Toxic for reproduction : unborn child	: No known effects from this product.
STOT-single exposure	: No known effects from this product.
STOT-repeated exposure	: No known effects from this product.
Aspiration hazard	: Not applicable for gases and gas mixtures.
11.2. Information on other hazards	
Other information	: The substance / mixture has no endocrine disrupting properties.

SECTION 12: Ecological information

12.1. Toxicity

Assessment : Classification criteria are n	ot met.
EC50 48h - Daphnia magna [mg/l] : No data available.	
EC50 72h - Algae [mg/l] : No data available.	
LC50 96 h - Fish [mg/l] : No data available.	

1,1,1,2 Tetrafluoroethane (R134a) (811-97-2)	
EC50 48h - Daphnia magna [mg/l]	930 mg/l
EC50 72h - Algae [mg/l]	No data available.
LC50 96 h - Fish [mg/l]	450 mg/l

Pentafluoroethane (354-33-6)	
EC50 48h - Daphnia magna [mg/l]	> 100 mg/l
EC50 72h - Algae [mg/l]	142 mg/l
LC50 96 h - Fish [mg/l]	109 mg/l



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1,1,1 Trifluoroethane (R143a) (420-46-2)	
EC50 48h - Daphnia magna [mg/l]	115 mg/l
EC50 72h - Algae [mg/l]	71 mg/l
LC50 96 h - Fish [mg/l]	109 mg/l
12.2. Persistence and degradability	
Assessment	No data available.
12.3. Bioaccumulative potential	
Assessment	No data available.
<u>12.4. Mobility in soil</u>	
Assessment	: Because of its high volatility, the product is unlikely to cause ground or water pollution. Partition into soil is unlikely.
12.5. Results of PBT and vPvB assessment	
Assessment	: Not classified as PBT or vPvB.
12.6. Endocrine disrupting properties	
Assessment	: The substance / mixture has no endocrine disrupting properties.
12.7. Other adverse effects	
Other adverse effects	: No known effects from this product.
Effect on the ozone layer	: No effect on the ozone layer.
Global warming potential [CO2=1] according to	: 1,1,1,2 Tetrafluoroethane (R134a) (811-97-2): 1430
Annex I of EU 2024/573	Pentafluoroethane (R125) (354-33-6): 3500
	1,1,1 Trifluoroethane (R143a) (420-46-2): 4470
	Calculated GWP of mixture: 3921,6
Effect on global warming	: When discharged in large quantities may contribute to the greenhouse effect.
	Contains fluorinated greenhouse gases listed in Annex I of EU 2024/573.

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
	Refer to supplier's waste gas recovery programme.
	Contact supplier if guidance is required.
	Discharge to atmosphere in large quantities should be avoided.
	Do not discharge into any place where its accumulation could be dangerous.
	Ensure that the emission levels from local regulations or operating permits are not exceeded.
	Refer to the EIGA code of practice Doc.30/21 "Disposal of Gases", downloadable at http://www.eiga.eu for more guidance on suitable disposal methods.
	Return unused product in original container to supplier.
List of hazardous waste codes (from Commission Decision 2000/532/EC as amended)	: 14 06 01 *: Chlorofluorocarbons, HCFC, HFC.
13.2. Additional information	
	External treatment and disposal of waste should comply with applicable local and/or national regulations.

SECTION 14: Transport information

14.1. UN number or ID number

In accordance with ADR / RID / IMDG / IATA / ADN UN-No. : 3337



: REFRIGERANT GAS R 404A

: REFRIGERANT GAS R 404A

: Refrigerant gas R 404A

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14.2. UN proper shipping name

Transport by road/rail/inland waterways (ADR/RID/ADN) Transport by air (ICAO-TI / IATA-DGR) Transport by sea (IMDG)

14.3. Transport hazard class(es)

Labelling

: 2.2 : Non flammab

Transport by road/rail/inland waterways (ADR/RID/ADN) Class Classification code Hazard identification number Tunnel Restriction

Transport by air (ICAO-TI / IATA-DGR)

Class / Div. (Sub. risk(s)) **Transport by sea (IMDG)** Class / Div. (Sub. risk(s)) Emergency Schedule (EmS) - Fire Emergency Schedule (EmS) - Spillage

14.4. Packing group

Transport by road/rail/inland waterways (ADR/RID/ADN) Transport by air (ICAO-TI / IATA-DGR) Transport by sea (IMDG)

14.5. Environmental hazards

Transport by road/rail/inland waterways
(ADR/RID/ADN)
Transport by air (ICAO-TI / IATA-DGR)
Transport by sea (IMDG)

14.6. Special precautions for user

Packing Instruction(s)

Transport by road/rail/inland waterways (ADR/RID/ADN) Transport by air (ICAO-TI / IATA-DGR) Passenger and Cargo Aircraft Cargo Aircraft only Transport by sea (IMDG)

Special transport precautions

- 2.2 : Non flammable, non-toxic gases. : 2 : 2A : 20 : C/E - Tank carriage : Passage forbidden through tunnels of category C, D and E. Other carriage : Passage forbidden through tunnels of category E : 2.2 : 2.2 : F-C : S-V : Not applicable. : Not applicable. : Not applicable. : None. None None : P200. : 200. : 200. : P200.
- : Avoid transport on vehicles where the load space is not separated from the driver's compartment.

Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

- Before transporting product containers:
- Ensure there is adequate ventilation.
- Ensure that containers are firmly secured.
- Ensure valve is closed and not leaking.
- Ensure valve outlet cap nut or plug (where provided) is correctly fitted.
- Ensure valve protection device (where provided) is correctly fitted.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.



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SECTION 15: Regulatory information

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

RS Regulations

no nogulatorio		
Pravilnik o ograničenjima i zabranama proizvodnje, stavljanja u promet i korišćenja hemikalija ("SI. glasnik RS", br. 105/2013, 52/2017, 21/2019 i 29/2024)	:	None.
Pravilnik o izvozu i uvozu određenih opasnih hemikalija ("SI. glasnik RS" br. 93/23)	1	None.
Pravilnik o Listi opasnih materija i njihovim količinama i kriterijumima za određivanje vrste dokumenta koje izrađuje operater seveso postrojenja, odnosno kompleksa ("SI. glasnik RS", br. 41/2010, 51/2015 i 50/2018)	:	Not covered.
Other information, restriction and prohibition regulations	:	Uredba o postupanju sa flurovanim gasovima sa efektom staklene bašte, kao i uslovima za izdavanje dozvola za uvoz i izvoz takvih gasova, "Službeni glasnik RS", br. 120/2013, 44/2018
EU Regulations		
Restrictions on use	:	None.
Other information, restriction and prohibition	:	Not listed on the PIC list (Regulation EU 649/2012).
regulations		Not listed on the POP list (Regulation EU 2019/1021).
		Contains fluorinated greenhouse gases listed in Annex I of EU 2024/573.
Seveso Directive : 2012/18/EU (Seveso III)	:	Not covered.
15.2. Chemical safety assessment		

A CSA does not need to be carried out for this product.

SECTION 16: Other information Indication of changes : Revised Safety Data Sheet in accordance with commission regulation (EU) No 2020/878. In Section 2, the Safety Data Sheet is supplemented with information about label elements and other hazards. In Section 4, the Safety Data Sheet is supplemented with information about first aid measures. In Section 8, the Safety Data Sheet is supplemented with information about exposure control and personal protection. In Section 9, the Safety Data Sheet is supplemented with information about physical and chemical properties. In Section 12, the Safety Data Sheet is supplemented with information about ecological informations. In Section 13, the Safety Data Sheet is supplemented with information about waste treatment methods. In Section 15, the Safety Data Sheet is supplemented with regulatory information. Abbreviations and acronyms ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road ATE - Acute Toxicity Estimate CAS - Chemical Abstract Service number CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 CSA - Chemical Safety Assessment DNEL - Derived No Effect Levels EINECS - European Inventory of Existing Commercial Chemical Substances EC- European Community number EIGA - European Industrial Gases Association EN - European Standard IATA - International Air Transport Association ICAO - International Civil Aviation Organization IMDG code - International Maritime Dangerous Goods IMO - International Maritime Organization LC50 - Lethal Concentration to 50 % of a test population LD50 - Lethal Dose 50% LEL - Lower Explosive Limit OEL - Occupational exposure limits EU - en 10/11



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	PBT - Persistent, Bioaccumulative and Toxic PNEC - Predicted No Effect Concentration PPE - Personal Protection Equipment
	REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
	RID - Regulations concerning the International Carriage of Dangerous Goods by Rail RMM - Risk Management Measures
	STOT - RE - Specific Target Organ Toxicity - Repeated Exposure
	STOT- SE - Specific Target Organ Toxicity - Single Exposure
	STEL - Short Term Exposure Limit
	TWA –8-hour total weight average
	UEL - Upper explosive limit
	UFI - Unique Formula Identifier
	UN - United Nations
	vPvB - Very Persistent and Very Bioaccumulative
	WGK - Water Hazard Class
Training advice	Receptacle under pressure. The hazard of asphyxiation is often overlooked and must be stressed during operator training. For more guidance, refer to EIGA SL 01 "Dangers of Asphyxiation", downloadable at http://www.eiga.eu
Further information :	Classification in accordance with the procedures and calculation methods of Regulation (EC) 1272/2008 (CLP). Key literature references and sources of data are maintained in EIGA doc 169 : 'Classification and Labelling Guide', downloadable at <u>http://www.eiga.eu</u>

Full text of H- and EUH-statements	
Flam. Gas 1B	Flammable gases, Category 1B
H221	Flammable gas.
H280	Contains gas under pressure; may explode if heated.
Press. Gas (Liq.)	Gases under pressure : Liquefied gas

DISCLAIMER OF LIABILITY

: Before using this product in any new process or experiment, a thorough material compatibility and safety study should be carried out.

Details given in this document are believed to be correct at the time of going to press. Whilst proper care has been taken in the preparation of this document, no liability for injury or damage resulting from its use can be accepted.

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