

Safety data sheet Helium, compressed.

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SECTION 1: Identificat company/undertaking	tion of the substance/mix	ture and of the		None.		
1.1. Product identifier			Precautionary Statemer	it Response None.		
Product name Helium, compressed. Trade name Balloon Gas			Precautionary Statemer P403	Store in a w	ell-ventilated place.	
EC No (from EINECS): CAS No: 7440-59-7	231-168-5		Precautionary Statemer	t Disposal None.		
Index-Nr Chemical formula He REACH Registration n Listed in Annex IV/V of	u mber : Regulation (EC) No 1907/2	006 (REACH).	2.3. Other hazards None.			
exempted from registrat	tion.		SECTION 3: Compositio		on ingredients	
1.2. Relevant identified uses advised against Relevant identified use	d uses of the substance o	or mixture and	Substance / Mixture: Su 3.1. Substances	ibstance.		
Industrial and profession Uses advised against	nal. Perform risk assessme , Inhaling helium may caus		Helium, compressed. CAS No: 7440-59-7 Index-Nr.: - EC No (from EINECS): 2			
Company identificatio	/orsley, Manchester M28 2		exempted from registration	Regulation (E n. nents or impu	C) No 1907/2006 (REACH), rities which will influence the	
1.4. Emergency teleph Emergency phone nur	one number nbers (24h): 0800 111 333	3	3.2. Mixtures Not applicable.			
SECTION 2: Hazards i	dentification		SECTION 4: First aid me	easures		
2.1. Classification of tl	he substance or mixture		4.1. Description of first a First Aid General Inform			
Classification acc. to Regulation (EC) No 1272/2008/EC (CLP/GHS) Press. Gas (Compressed gas) - Contains gas under pressure; may explode if heated. Classification acc. to Directive 67/548/EEC & 1999/45/EC Not classified as hazardous to health. Asphyxiant in high concentrations. Risk advice to man and the environment			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 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 Skin / Eye: Adverse effects not expected from this product.			
In high concentrations n Compressed gas.			First Aid Ingestion: Ingestion is not considere			
2.2. Label elements - Labelling Pictograms	5		4.2. Most important sym delayed In high concentrations ma	•		
					Victim may not be aware of	
			4.3. Indication of any im treatment needed None.	mediate med	ical attention and special	
- Signal word	Warning					
- Hazard Statements			SECTION 5: Fire fighting	g measures		
H280 EIGA-As	Contains gas under pro explode if heated. Asphyxiant in high con		5.1. Extinguishing medi Suitable extinguishing r All known extinguishants	nedia		
- Precautionary Staten	nents		5.2. Special hazards aris		substance or mixture	
Precautionary Stateme	ent Prevention		Specific hazards			



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Exposure to fire may on Hazardous combusting None.	cause containers to rupture/e on products	explode.		n sources (including s	es of heat and ignition. Keep tatic discharges). Keep away
water from a protected Special protective ed	of product. Move container		8.1. Control para	osure controls/perso meters	nal protection
SECTION 6: Acciden	tal release measures		No occupational e	xposure limit.	
emergency procedul Evacuate area. Wea	ar self-contained breathing atmosphere is proved to	apparatus when	be used when as must be handled	neering controls dled in a closed syste phixiating gases may in accordance with	em. Oxygen detectors should be released. The substance good industrial hygiene and permit system e.g. for
6.2. Environmental p Try to stop release.			maintenance activ checked for leaka Personal protect	rities. Systems under ges. Provide adequate ive equipment	pressure should be regularly e general or local ventilation.
6.3. Methods and ma Ventilate area.	terial for containment and	cleaning up	Eye and face pro Wear eye protection	tection on to EN 166 when us	sing gases.
6.4. Reference to oth See also sections 8 ar			Skin protection Other protection Wear leather sa cylinders.	fety gloves and sa	fety shoes when handling
SECTION 7: Handling			Respiratory prote Not required Thermal hazards		
properly specified equilibrium supply pressure and doubt. Refer to sup backfeed into the instructed persons sl	to the container must be pr uipment which is suitable for temperature. Contact your oplier's handling instruction container. Only experience nould handle gases under	or this product, its gas supplier if in ns. Do not allow ed and properly pressure. Protect	Specific risk mana industrial hygiene for restriction of e	and safety procedure	re not required beyond good es. Refer to local regulations osphere. See section 13 for nt.
Never use direct flar	al damage; do not drag, r ne or electrical heating de er. Do not remove or deface	vices to raise the	SECTION 9: Phys	sical and chemical p	roperties
the supplier for the moving cylinders, eve truck, etc.) designed caps in place until the wall or bench or place Ensure the complete for leaks before use. cylinder valve disconti valve after each use equipment. Never att safety relief device immediately to the su container caps where from equipment. Kee contaminates particul	identification of the cylinde n for short distances, use a to transport cylinders. Leav e container has been secure ed in a container stand and gas system has been (or is lf user experiences any of nue use and contact supplie and when empty, even if empt to repair or modify co s. Damaged valves sho pplier. Replace valve outlet supplied as soon as contain o container valve outlets ch arly oil and water. Never a der/container to another. Do	er contents. When cart (trolley, hand re valve protection ed against either a d is ready for use. regularly) checked difficulty operating er. Close container still connected to ontainer valves or uld be reported caps or plugs and ter is disconnected ean and free from attempt to transfer	General informat Appearance/Colo Odour: None. Melting point: -27 Boiling point: -26 Flash point: Not a Flammability ran Vapour Pressure Relative density, Solubility in wate Autoignition tem Explosive proper Explosive acc. EU Explosive acc. tran	ion pur: Colourless gas. 72,2 °C 39 °C applicable for gases a ge: Non flammable. 20 °C: Not applicable gas: 0,14 er: 1,5 mg/l perature: Not applica	ble. sive.
with good industrial hy	e substance must be hand giene and safety procedure:	S.	Molecular weight Critical temperat Relative density,	ure: -268 °C	
Keep container below regulations and local Containers should no corrosion. Containers properly secured to pr	afe storage, including any 50°C in a well ventilated requirements regarding stor t be stored in conditions li should be stored in the ve event falling over. Stored co	place. Observe all age of containers. kely to encourage entical position and ntainers should be	9.2. Other inform None.		
	or general conditions and lo should be in place. Store co		SECTION 10: Sta	bility and reactivity	



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10.1. Reactivity Unreactive under norm			Classification Code: 1 Labels: 2.2 Hazard number: 20				
 10.2. Chemical stability Stable under normal conditions. 10.3. Possibility of hazardous reactions None. 			Emergency Action Code: 2T 14.4. Packing group (Packing Instruction) P200				
 10.4. Conditions to avoid None. 10.5. Incompatible materials No reaction with any common materials in dry or wet conditions. 			 14.5. Environmental hazards None. 14.6. Special precautions for user None. IMDG 				
SECTION 11: Toxicol	ogical information		14.2. UN proper ship Helium, compressed	oping name			
11.1. Information on General No known toxicologica	toxicological effects		14.3. Transport haza Class: 2.2 Labels: 2.2 EmS: FC, SV	ard class(es)			
SECTION 12: Ecolog	ical information		14.4. Packing group P200	(Packing Instruc	ction)		
12.1. Toxicity No ecological damage	caused by this product.		14.5. Environmental None.	hazards			
12.2. Persistence and Not applicable.	2.2. Persistence and degradability ot applicable.			14.6. Special precautions for user None.			
 12.3. Bioaccumulativ Not applicable. 12.4. Mobility in soil The substance is a ga 			14.7. Transport in bu and the IBC Code Not applicable.	ulk according to	Annex II of MARPOL73/78		
-	and vPvB assessment		IATA 14.1. UN number				
12.6. Other adverse e No ecological damage	ffects caused by this product.		1046 14.2. UN proper ship Helium, compressed	oping name			
SECTION 13: Dispos			14.3. Transport haza Class: 2.2 Labels: 2.2	ard class(es)			
13.1. Waste treatment methods Do not discharge into any place where its accumulation dangerous. Vent to atmosphere in a well ventilated place supplier if guidance is required. EWC Nr. 16 05 05		ulation could be d place. Contact	14.4. Packing group P200	(Packing Instruc	ction)		
SECTION 14: Transp	ort information		14.5. Environmental None.	hazards			
ADR/RID			14.6. Special precau None.	tions for user			
14.1. UN number 1046			Other transport information 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 that they are firmly secured. Ensure that the				
4.2. UN proper shipping name telium, compressed							
4.3. Transport hazard class(es) Class: 2			cylinder valve is closed and not leaking. Ensure that the valve outlet cap nut or plug (where provided) is correctly fitted. Ensure that the				



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valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Seveso Directive 96/82/EC: Not covered.

15.2. Chemical safety assessment

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

SECTION 16: Other information

Ensure all national/local regulations are observed. The hazard of asphyxiation is often overlooked and must be stressed during operator training. Before using this product in any new process or experiment, a thorough material compatibility and safety study should be carried out.

Advice

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. Details given in this document are believed to be correct at the time of going to press.

Further information

Note:

When using this document care should be taken, as the decimal sign and its position complies with rules for the structure and drafting of international standards, and is a comma on the line. As an example 2,000 is two (to three decimal places) and not two thousand, whilst 1.000 is one thousand and not one (to three decimal places).

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