	Safety Data Sheet according to 1907/2006/EC, Article 31	
Printing date 26.10.2010	Revision: 26.10.2010	
1 Identification of substance		
Product details Trade name	Benzaldehyde azine	
Stock number:	A15721, L06484	
Manufacturer/Supplier:	Alfa Aesar GmbH & Co KG	
	Benzstrasse 3 E-mail: gcat@matthey.com D-76185 Karlsruhe / Germany www.alfa-chemcat.com	
Informing department:	Product safety department.	
Emergency information:	Giftnotruf Universität Mainz / Poison Information Center Mainz www.giftinfo.uni-mainz.de Telefon:+49(0)6131/19240	
2 Hazards identification		
Hazard designation:		
-	Xi Irritant	
Information pertaining to particular dangers for man and environment	R 36/37/38 Irritating to eyes, respiratory system and skin.	
GHS label elements	\mathbf{A}	
	Warning	
	H315 - Causes skin irritation. H319 - Causes serious eye irritation.	
Prevention:	H335 - May cause respiratory irritation	
Response:	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if	
	P321 Specific treatment (see on this label).	
Storage:	P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.	
Disposal:		
3 Composition/information on ingredients Chemical characterization:		
Designation: (CAS#)	Benzaldehyde azine (CAS# 588-68-1)	
4 First aid measures		
After inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.	
After skin contact	Seek immediate medical advice. Instantly wash with water and soap and rinse thoroughly.	
	Seek immediate medical advice.	
After eye contact After swallowing	Rinse opened eye for several minutes under running water. Then consult doctor. Seek immediate medical advice.	
5 Fire fighting measures		
Suitable extinguishing agents Special hazards caused by the material, its	CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.	
products of combustion or flue gases:	Can be released in case of fire:	
	Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)	
Protective equipment:	Wear self-contained breathing apparatus. Wear full protective suit.	
6 Accidental release measures		
Person-related safety precautions:	Wear protective equipment. Keep unprotected persons away.	
Measures for environmental protection:	Ensure adequate ventilation Do not allow material to be released to the environment without proper governmental permits.	
Measures for cleaning/collecting: Additional information:	Ensure adequate ventilation	
	See Section 7 for information on safe handling See section 8 for information on personal protection equipment. See Section 13 for information on disposal.	
7 Handling and storage		
Handling		
Information for safe handling:	Keep containers tightly sealed. Store in cool, dry place in tightly closed containers.	
Information about protection against	Ensure good ventilation/exhaustion at the workplace.	
explosions and fires:	Keep ignition sources away - Do not smoke.	
Storage Requirements to be met by storerooms and		
containers: Information about storage in one common	No special requirements.	
storage facility: Further information about storage	Store away from oxidizing agents.	
conditions:	Keep container tightly sealed. Store in cool, dry conditions in well sealed containers.	
8 Exposure controls and personal protect		
Additional information about design of		
technical systems:	Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.	
Components with critical values that require		
monitoring at the workplace: Additional information:	Not required. No data	
Personal protective equipment General protective and hygienic measures	The usual precautionary measures should be adhered to in bandling the chamicals	
General protective and hygienic measures	The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food.	
	Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.	
Breathing equipment:	Use breathing protection with high concentrations.	
Protection of hands:	Check protective gloves prior to each use for their proper condition. (Contd. on page 2)	

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Additional ecological information: General notes: Generally not Do not allow r 13 Disposal considerations Product: Recommendation Hand over to o	and mucous membranes. effect known. our knowledge the acute and chronic toxicity of this substance is not fully known. on data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA
Product: Recommendation Hand over to 0	hazardous for water. naterial to be released to the environment without proper governmental permits.
Product: Recommendation Hand over to 0	
Concult state	disposers of hazardous waste. ally treated under adherence to official regulations. local or national regulations for proper disposal.
Uncleaned packagings:	be made according to official regulations.
14 Transport information	
14 Transport information Land transport ADR/RID and GGVS/GGVE (cross-border/do ADR/RID-GGVS/E Class: None	omestic)
Maritime transport IMDG/GGVSea: IMDG/GGVSea Class: None Marine pollutant: No	
Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class: None	
	s according to the above specifications.
15 Regulatory information Designation according to EC guidelines: Code letter and hazard designation of product:	
Safety phrases: 26 In case of 0	ant
37 Wear suita National regulations Information about limitation of use: Employment r For use only b	ting to eyes, respiratory system and skin. contact with eyes, rinse immediately with plenty of water and seek medical advice.

GB

Revision: 26.10.2010

Trade name **Benzaldehyde azine**

	(Contd. of page 2)
Water hazard class:	Generally not hazardous for water.
16 Other information: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.	
Department issuing data specific Contact: Abbreviations and acronyms:	ation sheet: Health, Safety and Environmental Department. Ryan P. Wilson ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals CAS: Chemical Abstracts Service (division of the American Chemical Society)