	Nevision. 14.07.2010		
1 Identification of substance			
Product details			
Trade name	3-Amino-5-phenyl-1H-pyrazole		
Stock number:	A12701, L07000		
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 partaining to particular departs			
Information pertaining to particular dangers for man and environment	R 36/37/38 Irritating to eyes, respiratory system and skin.		
GHS label elements	Warning		
	$\checkmark$		
	H315 - Causes skin irritation. H319 - Causes serious eye irritation.		
Prevention:	H335 - May cause respiratory irritation.		
Response:	P302+P352 IF ON SKIN: Wash with plenty of soap and water.		
-	H335 - May cause respiratory irritation. 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 present and easy to do. Continue rinsing.		
Storogo	P321 Specific treatment (see on this label).		
Storage: Disposal:	P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.		
2 Composition/information on ingradiant			
3 Composition/information on ingredient: Chemical characterization:			
Designation: (CAS#)	3-Amino-5-phenyl-1H-pyrazole (CAS# 1572-10-7); 100%		
4 First aid measures			
After inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.		
	Seek immediate medical advice.		
After skin contact	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:	Nitrogen oxides (NOx) Wear self-contained breathing apparatus. Wear full protective suit.		
6 Accidental release measures			
Person-related safety precautions:	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation		
Measures for environmental protection: Measures for cleaning/collecting:	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. Ensure good ventilation/exhaustion at the workplace.		
Information about protection against			
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.		
Further information about storage conditions:	Keep container tightly sealed.		
	Store in cool, dry conditions in well sealed containers.		
8 Exposure controls and personal protection			
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:	Not required.		
Additional information:	No data		
Personal protective equipment 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)		
	(00.100 of page 2)		

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0 Stability and reactivity       Thermal decomposition / conditions to be worked:       No decomposition if used and stored according to specifications.         0 Stability and reactions:       Descriptions reactions:       Overlag agents:         0 Stability and reactions:       Descriptions:       Descriptions:         0 Stability and reactions:       Descriptions:       Description:         0 Stability and reactions:       Description:       Description:         0 Stability and reactions:       Primary infinit effect:       Primary infinit effect:         0 Toxicological information       Actual toxicity:       Primary effect from:         0 Sensitization:       To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.         4 Additional ecological information:       Color knowledge the acute and chronic toxicity of this substance is not fully known.         4 Additional ecological information:       Generally not hazardous for water.       De to all or knowledge the acute and chronic toxicity of this substance is not fully known.         2 Ecological information:       Additional ecological information:       Generally not hazardous waste.         2 Disposal considerations       Product:       Desposal must be made according to frical regulations.         4 Disposal procestion:       Mark especially reated under adherence to official regulations.         2 Disposal considerations       Dispos	0 Stability and reactivity         Thermal decomposition / conditions to be avoided:       No decomposition if used and stored according to specifications.         Materials to be avoided:       Oxidizing agents         Dangerous reactions:       No dangerous reactions known         Dangerous products of decomposition:       Carbon monoxide and carbon dioxide         Nitrogen oxides (NOX)       Nitrogen oxides (NOX)         11 Toxicological information       Acute toxicity:         Primary irritant effect:       Irritant for skin and mucous membranes.         on the skin:       Irritant for skin and mucous membranes.         on the skin:       Irritant effect.         No deassification data on carcinogenic properties of this substance is not fully known.         Additional toxicological information:       To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.         No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OACGIH.         22 Ecological information:       Generally not hazardous for water.	
Thermal decomposition i conditions to be worked:       No decomposition if used and stored according to specifications. Oxading agants worked:         Margerous products of decomposition:       No dargerous products of decomposition if used and stored according to specifications. Oxading agants worked:         1 Toxicological information Accute toxicity: Primary irritant effect: on the skin: the state toxicity: Primary irritant effect: worked: NUXopen toxice is not fully known. No classification data on carcinogenic properties of this substance is not fully known. No classification data on carcinogenic properties of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.         2 Ecological information:       Generally not hazardous for water. Do not allow material to be released to the environment without proper governmental permits.         3 Disposal considerations       Must be specially treated under adherence to official regulations. Consult state. None Recommendation:         4 Transport information:       Hand over to disposers of hazardous waste. Must be specially treated under adherence to official regulations. Consult state. None Recommendation:         4 Transport information:       None None         Additional ecological information:       None         4 Transport Information:       None         4 Transport Information:       None         1 Art sport ADR/RID and GeVS/GeV (cross-border/domestic)       None         1 Additional ecological information:       None <t< td=""><td>Thermal decomposition / conditions to be avoided:       No decomposition if used and stored according to specifications.         Materials to be avoided:       Oxidizing agents         Dangerous reactions:       No decomposition known         Dangerous products of decomposition:       Carbon monoxide and carbon dioxide Nitrogen oxides (NOX)         11 Toxicological information       Acute toxicity: Primary irritant effect: on the skin:         On the skin:       Irritant for skin and mucous membranes. Irritant effect.         Sensitization:       No sensitizing effect known. No sensitizing effect known. Additional toxicological information: Additional ecological information: General notes:       No sensitizing effect known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, ( ACGIH.</td><td></td></t<>	Thermal decomposition / conditions to be avoided:       No decomposition if used and stored according to specifications.         Materials to be avoided:       Oxidizing agents         Dangerous reactions:       No decomposition known         Dangerous products of decomposition:       Carbon monoxide and carbon dioxide Nitrogen oxides (NOX)         11 Toxicological information       Acute toxicity: Primary irritant effect: on the skin:         On the skin:       Irritant for skin and mucous membranes. Irritant effect.         Sensitization:       No sensitizing effect known. No sensitizing effect known. Additional toxicological information: Additional ecological information: General notes:       No sensitizing effect known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, ( ACGIH.	
Acute toxicity:       Primary tirizant effect:         on the skin:       Iritiant effect:         No sensitization:       No sensitization effect.         Additional toxicological information:       Iritiant effect.         No sensitization:       No sensitization effect.         Additional toxicological information:       AcGIH.         Interventional toxicological information:       AcGIH.         Additional ecological information:       General notes:         General notes:       Generality not hazardous for water. Do not allow material to be released to the environment without proper governmental permits.         I3 Disposal considerations       Hand over to disposers of hazardous waste. Must be specially treated under adherence to official regulations. Consult stel, local on inclinal regulations for proper disposal.         Uncleaned packagings: Recommendation:       Disposal must be made according to official regulations. Consult stel, local on inclinal regulations.         14 Transport information       Land transport IADR/RID and GGVS/GGVE (cross-border/domestic) ADR/RID-6GVSFE class:         None       None         Transport IADR/RID and GGVS/GGVE is: None       None         Transport IAD/GGVSE class:       None         Transport IADA/TADER:       None         Transport IADA/TADER:       None         Transport Additional information       Not dangerous according to the above spe	Acute toxicity:       Primary irritant effect:       Irritant for skin and mucous membranes.         on the skin:       Irritant for skin and mucous membranes.         on the sye:       Irritant effect.         Sensitization:       No sensitizing effect known.         Additional toxicological information:       To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.         No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, (ACGIH.         12 Ecological information:       Generally not hazardous for water.	
Additional ecological information:       General notes:       General notes:<	Additional ecological information: General notes: Generally not hazardous for water.	', OSHA or
Product: Recommendation       Hand over to disposers of hazardous waste. Must be specially treated under adherence to official regulations. Consult state, local or national regulations for proper disposal.         Uncleaned packagings: Recommendation:       Disposal must be made according to official regulations.         Id Transport information       Disposal must be made according to official regulations.         Id Transport Information       None         ADR/RID-GGVSE Class:       None         Marine pollutant:       None         Air transport IACAO-TI and IATA-DGR: ICAO/IATA Class:       None         Transport/Additional information:       Not dangerous according to the above specifications.         Ts Regulatory information       Not dangerous according to the above specifications.         Designation according to EC guidelines: Code letter and hazard designation of product:       Safety phrases: 26 In case of contact with eyes, risse immediately with plenty of water and seek medical advice. 37 Wear suitable gloves.         National regulations Information about limitation of use:       For use only by technically qualified individuals. Employment restrictions concerning young persons must be observed.		
Recommendation       Hand over to disposers of hazardous waste. Must be specially treated under adherence to official regulations. Consult state, local or national regulations for proper disposal.         Uncleaned packagings: Recommendation:       Disposal must be made according to official regulations.         Id Transport information       Image: Consult State, local or national regulations.         Id Transport ADR/RID and GGVS/GGVE (cross-border/domestic) ADR/RID-GGVSPE Class:       None         Maritime transport IMDG/GGVSea: Maritime transport IMDG/GGVSea: Marine pollutant:       None         Transport/Additional information       Not dangerous according to the above specifications.         If transport ICAO-TI and IATA-DGR: ICAO/IATA Class:       None         Transport/Additional information:       Not dangerous according to the above specifications.         If Segulatory information product:       Safety phrases:       36/37/38 Irritating to eyes, respiratory system and skin.         Safety phrases:       26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 37 Wear suitable gloves.         National regulations       For use only by technically qualified individuals. Employment restrictionally oung persons must be observed.	-	
14 Transport information         Land transport ADR/RID and GGVS/GGVE (cross-border/domestic) ADR/RID-GGVS/E Class: None         Maritime transport IMDG/GGVSea: IMDG/GGVSea: IMDG/GGVSea Class: None         Marine pollutant: No         Air transport ICAO-TI and IATA-DGR: ICAO/TI and IATA-DGR: ICAO/TA Class: None         Transport/Additional information: Not dangerous according to the above specifications.         15 Regulatory information         Designation according to EC guidelines: Code letter and hazard designation of product:         Xi Irritant         Risk phrases: Safety phrases: Safety phrases: Safety phrases: Safety phrases: Safety phrases: Cover of use only by technically qualified individuals. Employment restrictions concerning young persons must be observed.	Recommendation Hand over to disposers of hazardous waste.	
Land transport ADR/RID and GGVS/GGVE (cross-border/domestic) None         Maritime transport IMDG/GGVSea: IMDG/GGVSea Class: None         Marine pollutant:       None         Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class:       None         Transport/Additional information:       Not dangerous according to the above specifications.         55 Regulatory information       Not dangerous according to the above specifications.         55 Regulatory information       Not dangerous according to the above specifications.         55 Regulatory information       Designation according to EC guidelines: Code letter and hazard designation of product:         Safety phrases:       36/37/38 Irritating to eyes, respiratory system and skin.         Safety phrases:       26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 37 Wear suitable gloves.         National regulations Information about limitation of use:       For use only by technically qualified individuals. Employment restrictions concerning young persons must be observed.	Uncleaned packagings: Recommendation: Disposal must be made according to official regulations.	
Land transport ADR/RID and GGVS/GGVE (cross-border/domestic) ADR/RID-GGVS/E Class:       None         Maritime transport IMDG/GGVSea: IMDC/GGVSea Class:       None         Marine pollutant:       No         Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class:       None         Transport/Additional information:       Not dangerous according to the above specifications.         5 Regulatory information       Designation according to EC guidelines:         Code letter and hazard designation of product:       Xi Irritant         Xi Irritant       36/37/38 Irritating to eyes, respiratory system and skin.         Safety phrases:       36/37/38 Irritating to eyes, rinse immediately with plenty of water and seek medical advice. 37 Wear suitable gloves.         National regulations       For use only by technically qualified individuals. Employment restrictions concerning young persons must be observed.	4 Transport information	
Maritime transport IMDG/GGVSea: IMDG/GGVSea Class: Marine pollutant: Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class: None       None         Transport/Additional information:       Not dangerous according to the above specifications.         5 Regulatory information Designation according to EC guidelines: Code letter and hazard designation of product:       Not dangerous according to the above specifications.         Risk phrases: Safety phrases:       36/37/38 Irritating to eyes, respiratory system and skin.         Safety phrases: National regulations Information about limitation of use:       Sof use only by technically qualified individuals. Employment restrictions concerning young persons must be observed.	Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)	
Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class:       None         Transport/Additional information:       Not dangerous according to the above specifications.         15 Regulatory information       Designation according to EC guidelines: Code letter and hazard designation of product:         Risk phrases:       36/37/38 Irritating to eyes, respiratory system and skin.         Safety phrases:       26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 37 Wear suitable gloves.         National regulations Information about limitation of use:       For use only by technically qualified individuals. Employment restrictions concerning young persons must be observed.	Maritime transport IMDG/GGVSea: IMDG/GGVSea Class: None	
Transport/Additional information:       Not dangerous according to the above specifications.         15 Regulatory information       Designation according to EC guidelines:         Code letter and hazard designation of product:       Image: Code letter and hazard designation of product:         Risk phrases:       36/37/38 Irritating to eyes, respiratory system and skin.         Safety phrases:       36/37/38 Irritating to eyes, rinse immediately with plenty of water and seek medical advice.         National regulations       For use only by technically qualified individuals.         Information about limitation of use:       For use only by technically qualified individuals.		
Designation according to EC guidelines:         Code letter and hazard designation of product:         Risk phrases:       36/37/38 Irritating to eyes, respiratory system and skin.         Safety phrases:       36/37/38 Irritating to eyes, respiratory system and skin.         Safety phrases:       36/37/38 Irritating to eyes, respiratory system and skin.         National regulations       26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.         National regulations       For use only by technically qualified individuals. Employment restrictions concerning young persons must be observed.	Transport/Additional information:         Not dangerous according to the above specifications.	
Safety phrases:       26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.         National regulations       37 Wear suitable gloves.         Information about limitation of use:       For use only by technically qualified individuals. Employment restrictions concerning young persons must be observed.	Designation according to EC guidelines: Code letter and hazard designation of product:	
National regulations         Information about limitation of use:         For use only by technically qualified individuals.         Employment restrictions concerning young persons must be observed.	Safety phrases: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	
(Contd. on pag	National regulations         Information about limitation of use:       For use only by technically qualified individuals.         Employment restrictions concerning young persons must be observed.	

## Trade name 3-Amino-5-phenyl-1H-pyrazole

Revision: 14.07.2010

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	(Contd. of page 2)	
Water hazard class:	Generally not hazardous for water.	
information to ensure proper use	nation only as a supplement to other information gathered by them, and should make independent judgement of suitability of this and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in afety Data Sheet, or in combination with any other product or process, is the responsibility of the user.	
Department issuing data speci Contact: Abbreviations and acronyms:	ification sheet: Health, Safety and Environmental Department. Zachariah Holt ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: Réglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IMDC: International Maritime Code for Dangerous Goods IATA: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods 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 GHS: Chemical Abstracts Service (division of the American Chemical Society)