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Information for doctor Information and infords attention and special the time relevant information available. Information of doctor Information and information and special the time relevant information available. IS For cliphting measures Extinguishing geness Centron doctor Extinguishing ageness Centron doctor Extinguishing geness Centron doctor Extinguishing Extinguishing Extinguishing Centron extinguishing Extinguishing Extinguishing Centron doctor Extinguishing Extinguishing Centron doctor Extinguishing Extinguishing Centron doctor Extinguishing Extinguishing Centron extinguishing Extinguishing Extinguishing Centron doctor Extinguishing Extinguishing Centron extinguishing Extinguishing Extinguishing Extinguishing Extinguishing Extinguishing Extinguishing Centron extinguishing Extinguishi			(Contd. of page 1)
Indication of any immediate medical attention and special freetment needed No further relevant information available. E Fire-fighting measures E Fire-fighting E Fire-fi		s. both acute and delaved No further relevant information available.	(
Extragation from the second product is more than the following can be released: Subable comparison of the second product is more than the following can be released: When product is more than the second product is more than the following can be released: When product is more than the second product is more than the following can be released: When the product is more than the second product is more than the second product is more than the following can be released: When the product is more than the second product is more than the second product is more than the product is more than the second product is the second product is	Indication of any immediate medical a	attention and special treatment needed No further relevant information available.	
Personal presentions, protective equipment, and emergency proceedures Week probable equipment, the outprobable depresents every. Environmental presentions Environmental presention Environmental presenter Environmental pre	Extinguishing media Suitable extinguishing agents Carbon Special hazards arising from the subs If this product is involved in a fire, the fo Carbon monoxide and carbon dioxide Nitrogen oxides (NOx) Advice for firefighters Protective equipment: Wear self-contained respirator.	stance or mixture	
Handling Precautions for safe handling Mean container lightly select Ensure good welliketion at the indicates Information about protection against explosions and fires: No information known.         Conditions for safe storage, including any incompatibilities Storage         Information about protection against explosions and receptacles: No special requirements. Information about storage conditions: Rees container lightly select Mean about storage conditions: Rees container lightly select Selective and use(s) No further relevant information available.         8 Exposure controls/personal protection Additional Information about design of technical systems: Properly operating chemical lume hood designed to fazardous chemicals and having an average face velocity of at least 100 feet per minute. Control parameters Compton anameters Compton anameters Compton anameters Control parameters The usual pressures for thanking chemicals should be followed. Remove all solid and containabled clining immediately. Wash hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong breaks and at the end of work. Mean hands belong	Personal precautions, protective equiver Wear protective equipment. Keep unpro Ensure adequate ventilation Environmental precautions: Do not all Methods and material for containment Prevention of secondary hazards: No Reference to other sections See Section 7 for information on safe has	itected persons away. The environment without proper governmental permits. Iow material to be released to the environment without proper governmental permits. I <b>t and cleaning up:</b> Ensure adequate ventilation. Special measures required. andling	
Additional information about design of technical systems:         Properly operating chemical lume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.         Control parameters         Gentrol parameters         Maintain percentive squippent         Maintain an ergonomical time hood evention         Keep away from foodsturfs, beverages and feed.         Remove all solied and contaminated clothing immediately.         Wash hands before breaks and at the end O work.         Avoid contact with the eyes and skin.         Maintain an ergonomical golives         Check protective gloves prior to each use for their proper condition.         The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer.         Penetration function of suitable gloves not on their proper condition.         The selection Satisfy gloses         Gody protection: Satisfy gloses         Body protectio	Handling Precautions for safe handling Keep container tightly sealed. Store in cool, dry place in tightly closed Ensure good ventilation at the workplace Information about protection against Conditions for safe storage, including Storage Requirements to be met by storeroom Information about storage in one con Further information about storage co Keep container tightly sealed. Store in cool, dry conditions in well seal	e. explosions and fires: No information known. g any incompatibilities ns and receptacles: No special requirements. mon storage facility: Store away from oxidizing agents. nditions: ed containers.	
Control parameters Components with limit values that require monitoring at the workplace: Not required. Additional information: No data Exposure controls Exposure Exposure controls Exposure Ex	8 Exposure controls/personal prote Additional information about design of	ection of technical systems:	
Exposure controls         Personal protective equipment General protective equipment result precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed.         Remove all solied and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the veys and skin. Maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are present. Protection of hands: Impervious gloves The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. Penetration time of glove material (in minutes) Not determined Ever protection: Protective work clothing.         9 Physical and chemical properties         Information on basic physical and chemical properties General Information Appearance: Color: White Odor: Not determined.         0 dort inteshold: pH-value: Not determined.         0 pH-value: Change in condition Melling point/Welting range: Sublimation temperature / start. Not applicable.         Change in condition fills point: Flash point: Fl	Control parameters Components with limit values that red		
Information on basic physical and chemical properties General Information Appearance:         Form:       Crystalline powder Color:         White       Odor:         Odor:       Not determined         Odor threshold:       Not determined.         pH-value:       Not applicable.         Change in condition Melting point/Beling range:       147-152 °C (297-306 °F) Boiling point/Beling range:         Sublimation temperature / start:       Not determined         Flash point:       Not applicable         Flash point:       Not applicable         Flash point:       Not applicable         Flash point:       Not determined         Flash point:       Not determined         Place       Not determined         Contd. on page 3	Exposure controls Personal protective equipment General protective and hygienic meas The usual precautionary measures for h Keep away from foodstuffs, beverages a Remove all soiled and contaminated clo Wash hands before breaks and at the e. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate v Breathing equipment: Use suitable res Protection of hands: Impervious gloves Check protective gloves prior to each us The selection of suitable gloves not only Penetration time of glove material (in Eve protection: Safety glasses	and feed. thing immediately. no of work. vorking environment. pirator when high concentrations are present. se for their proper condition. depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. <b>minutes)</b> Not determined	
Information on basic physical and chemical properties General Information Appearance:         Form:       Crystalline powder Color:         White       Odor:         Odor:       Not determined         Odor threshold:       Not determined.         pH-value:       Not applicable.         Change in condition Melting point/Beling range:       147-152 °C (297-306 °F) Boiling point/Beling range:         Sublimation temperature / start:       Not determined         Flash point:       Not applicable         Flash point:       Not applicable         Flash point:       Not applicable         Flash point:       Not determined         Flash point:       Not determined         Place       Not determined         Contd. on page 3	9 Physical and chemical properties		
Color:       White         Odor:       Not determined         Odor threshold:       Not determined.         pH-value:       Not applicable.         Change in condition       Melting point/Melting range:         Melting point/Melting range:       147-152 °C (297-306 °F)         Boiling point/Boiling range:       Not determined         Sublimation temperature / start:       Not determined         Flash point:       Not applicable         Flash point:       Not applicable         Flash point:       Not determined         Ignition temperature:       Not determined         Not determined       Not determined         Vot determined       Not determined         (Contd. on page 3)       (Contd. on page 3)	Information on basic physical and ch General Information Appearance: Form:	emical properties Crystalline powder	
Odor threshold:       Not determined.         pH-value:       Not applicable.         Change in condition       Not applicable.         Melting point/Melting range:       147-152 °C (297-306 °F)         Boiling point/Boiling range:       Not determined         Sublimation temperature / start:       Not determined         Flash point:       Not applicable         Flammability (solid, gaseous)       Not determined.         Ignition temperature:       Not determined         Decomposition temperature:       Not determined         (Contd. on page 3)       (Contd. on page 3)	Color: Odor:	White ' Not determined	
Change in condition Melting point/Melting range: 147-152 °C (297-306 °F) Boiling point/Boiling range: Not determined Sublimation temperature / start: Not determined Flash point: Not applicable Flammability (solid, gaseous) Not determined. Ignition temperature: Not determined Decomposition temperature: Not determined (Contd. on page 3)		Not determined.	
Flammability (solid, gaseous)       Not determined.         Ignition temperature:       Not determined         Decomposition temperature:       Not determined         (Contd. on page 3)       (Contd. on page 3)	Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	147-152 °C (297-306 °F) Not determined Not determined	
	Flammability (solid, gaseous) Ignition temperature:	Not determined. Not determined	
			(Contd. on page 3) USA

## Product name: 4-Aminopyrimidine

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		(Contd. of page 2)
Auto igniting:	Not determined.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits: Lower:	Not determined	
Upper:	Not determined	
Vapor pressure: Density:	Not applicable. Not determined	
Relative density	Not determined.	
Vapor density	Not applicable.	
Evaporation rate Solubility in / Miscibility with	Not applicable.	
Water:	Not determined	
Partition coefficient (n-octanol/water Viscosity:	j: Not determined.	
dynamic:	Not applicable.	
kinematic: Other information	Not applicable. No further relevant information available.	
10 Stability and reactivity		
Reactivity No information known.		
Chemical stability Stable under recon	nmended storage conditions. t <b>o be avoided:</b> Decomposition will not occur if used and stored according to specifications.	
Possibility of hazardous reactions N	to be avoided. Decomposition will not occur il used and stored according to specifications. Io dangerous reactions known	
Conditions to avoid No further relevant	nt information available.	
Incompatible materials: Oxidizing age Hazardous decomposition products:	ants :	
Carbon monoxide and carbon dioxide		
Nitrogen oxides		
11 Toxicological information		
Information on toxicological effects		
Acute toxicity: No effects known.	alassification. No. data	
LD/LC50 values that are relevant for Skin irritation or corrosion: Causes s		
Eye irritation or corrosion: Causes se	erious eye irritation.	
Sensitization: No sensitizing effects ki Germ cell mutagenicity: No effects kr	10WN. DOWN	
Carcinogenicity: No classification data	a on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.	
Reproductive toxicity: No effects kno	WN.	
Specific target organ system toxicity	<b>y - repeated exposure:</b> No effects known. <b>y - single exposure:</b> May cause respiratory irritation.	
Aspiration hazard: No effects known.		
Subacute to chronic toxicity: No effe Additional toxicological information:	To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.	
12 Ecological information		
Toxicity Aquatic toxicity: No further relevant in	nformation available	
Aquatic toxicity: No further relevant in Persistence and degradability No fur Bioaccumulative potential No further	ther relevant information available.	
Bioaccumulative potential No further Mobility in soil No further relevant info	relevant information available.	
Additional ecological information:	nnauon avaliable.	
General notes:	the environment without more environmental permitte	
	the environment without proper governmental permits. quantities to reach ground water, water course or sewage system.	
Avoid transfer into the environment.		
Results of PBT and vPvB assessmer PBT: Not applicable.	nt	
vPvB: Not applicable.		
Other adverse effects No further relev	/ant information available.	
13 Disposal considerations		
Waste treatment methods		
Recommendation Consult state, local	or national regulations to ensure proper disposal.	
Uncleaned packagings: Recommendation: Disposal must be r	made according to official regulations.	
·		
14 Transport information Not a hazardous material for transporta	ation.	
UN-Number	11011.	
DOT, IMDG, IATA	None	
UN proper shipping name DOT, IMDG, IATA	None	
Transport hazard class(es)		
DOT, ADR, IMDG, IATA	None	
Class Recking group	None	
Packing group DOT, IMDG, IATA	None	
Environmental hazards:	Not applicable.	
Special precautions for user	Not applicable.	
	x II of MARPOL73/78 and the IBC Code Not applicable.	
Transport/Additional information:	Not dangerous according to the above specifications.	
		(Contd. on page 4)
		USA

(Contd. on page 4)

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DOT Marine Pollutant (DOT):	No
5 Regulatory information Safety, health and environmental regulations/le GHS label elements The product is classified and Hazard pictograms GHS07	legislation specific for the substance or mixture d labeled in accordance with 29 CFR 1910 (OSHA HCS)
Signal word Warning Hazard statements H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas P280 Wear protective gloves/protect P305+P351+P338 IF IN EYES: Rinse cautiously V P304+P340 IF INHALED: Remove person in P405 Store locked up. P501 Dispose of contents/container National regulations This product is not listed in the U.S. Environmenta to research and development only. This product n product must not be used for commercial purpose SARA Section 313 (specific toxic chemical list California Proposition 65 Prop 65 - Developmental toxicity, substance is in Prop 65 - Developmental toxicity, female Substan Information about limitation of use: For use on Other regulations, limitations and prohibitive r Substance of Very High Concern (SVHC) accon The conditions of restrictions according to Art market and use must be observed. Substance is not listed.	tings) Substance is not listed. Substance is not listed. not listed. tance is not listed. not listed. Not listed. Not provide the second
6 Other information Employers should use this information only as a s information to ensure proper use and protect the h conformance with this Material Safety Data Sheet	supplement to other information gathered by them, and should make independent judgement of suitability of this health and safety of employees. This information is furnished without warranty, and any use of the product not in t, or in combination with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing Dep Date of preparation / last revision 11/23/2015/ Abbreviations and acronyms: IMDG: International Martime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Abstracts Service (division of the American Chemi HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Car LC50: Lethal concentration, 50 percent VPW: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygienis OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) NTP: National Toxicology Program (USA)	