





		/ed on 07/09/2008
Product name: 6-Bromonicotinic ac		
Information for doctor Most important symptoms and effect Indication of any immediate medical	s, both acute and delayed No further relevant information available. attention and special treatment needed No further relevant information available.	(Contd. of page 1)
5 Fire-fighting measures Extinguishing media Suitable extinguishing agents Carbor Special hazards arising from the sub If this product is involved in a fire, the for Carbon monoxide and carbon dioxide Nitrogen oxides (NOX) Hydrogen bromide (HBr) Advice for firefighters Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.	n dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. stance or mixture Illowing can be released:	
6 Accidental release measures Personal precautions, protective equ Wear protective equipment. Keep unpro- Ensure adequate ventilation Environmental precautions: Do not al Methods and material for containmer Prevention of secondary hazards: No Reference to other sections See Section 7 for information on safe has See Section 8 for information on person See Section 13 for disposal information.	otected persons away. The environment without proper governmental permits. If and cleaning up: Ensure adequate ventilation. If special measures required. In protection equipment.	
Conditions for safe storage, including Storage Requirements to be met by storeroor	explosions and fires: No information known. g any incompatibilities ns and receptacles: No special requirements. nmon storage facility: Store away from oxidizing agents. anditions: led containers.	
Control parameters Components with limit values that rea Additional information: No data Exposure controls Personal protective equipment General protective and hygienic mea The usual precautionary measures for h Keep away from foodstuffs, beverages 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 w 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 Eye protection: Safety glasses Body protection: Protective work cloth	of technical systems: designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. quire monitoring at the workplace: Not required. sures handling chemicals should be followed. and feed. bithing immediately. and of work. working environment. spirator when high concentrations are present. se for their proper condition. y depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. minutes) Not determined ing.	
9 Physical and chemical properties Information on basic physical and ch General Information Appearance: Form: Color: Odor: Odor threshold:		
pH-value: Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	Not applicable. 179-188 °C (354-370 °F) Not determined Not determined	
Flash point: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature:	Not applicable Not determined Not determined Not determined	(Contd. on page 3)
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Product name: 6-Bromonicotinic acid

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Product name: 6-Bromonicotinic a	acid	
		(Contd. of page 2)
Auto igniting:	Not determined.	
Danger of explosion: Explosion limits:	Product does not present an explosion hazard.	
Lower:	Not determined	
Upper: Vapor pressure:	Not determined Not applicable.	
Density:	Not determined	
Relative density Vapor density	Not determined. Not applicable.	
Evaporation rate	Not applicable.	
Solubility in / Miscibility with Water:	Not determined	
Partition coefficient (n-octanol/wate		
Viscosity: dynamic:	Not applicable.	
kinematic:	Not applicable.	
Other information	No further relevant information available.	
0 Stability and reactivity		
Reactivity No information known. Chemical stability Stable under reco	ammandad ataraga conditions	
Thermal decomposition / condition	ommended storage conditions. Is to be avoided: Decomposition will not occur if used and stored according to specifications.	
Possibility of hazardous reactions I Conditions to avoid No further releva	No dangerous reactions known	
Incompatible materials: Oxidizing ag	aents	
Hazardous decomposition products Carbon monoxide and carbon dioxide	is:	
Nitroaen oxides		
Hydrogen bromide		
11 Toxicological information		
Information on toxicological effects	5	
Acute toxicity: No effects known. LD/LC50 values that are relevant for	or classification: No data	
Skin irritation or corrosion: Causes	s skin irritation.	
Eye irritation or corrosion: Causes s Sensitization: No sensitizing effects A	serious eye irritation. known.	
Germ cell mutagenicity: No effects k	known.	
Carcinogenicity: No classification da Reproductive toxicity: No effects kno	ata on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.	
Specific target organ system toxicit	ity - repeated exposure: No effects known.	
Specific target organ system toxicit Aspiration hazard: No effects known	ity - single exposure: May cause respiratory irritation.	
Subacute to chronic toxicity: No effe	ffects known.	
Additional toxicological information	n: 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 i	information quallable	
Persistence and degradability No fu	urther relevant information available.	
Bioaccumulative potential No furthe Mobility in soil No further relevant inf	er relevant information available.	
Additional ecological information:		
General notes:		
Do not allow indicated product or larg	to the environment without proper governmental permits. ge quantities to reach ground water, water course or sewage system.	
Avoid transfer into the environment. Results of PBT and vPvB assessme		
PBT: Not applicable.	ənt	
vPvB: Not applicable. Other adverse effects No further rele	evant information available.	
13 Disposal considerations		
13 Disposal considerations Waste treatment methods		
Recommendation Consult state, loca	al or national regulations to ensure proper disposal.	
Uncleaned packagings:	e made according to official regulations.	
· · · ·	made according to official regulations.	
14 Transport information Not a hazardous material for transport	rtation.	
UN-Number DOT, IMDG, IATA	None	
UN proper shipping name		
DOT, IMDG, IATA Transport hazard class(es)	None	
DOT, ADR, IMDG, IATA		
Class	None	
Packing group DOT, IMDG, IATA	None	
Environmental hazards:	Not applicable.	
Special precautions for user	Not applicable.	
Transport in bulk according to Anne	nex II of MARPOL73/78 and the IBC Code Not applicable.	(Contd. on page 4
		USA -

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Product name: 6-Bromonicotinic acid	
	(Contd. of page
Transport/Additional information: DOT	Not dangerous according to the above specifications.
Marine Pollutant (DOT):	No
 15 Regulatory information Safety, health and environmental regulations/legisla GHS label elements The product is classified and label Hazard pictograms O GHS07 Signal word Warning Hazard statements H315 Causes skin irritation. H315 Causes serious eye irritation. H335 May cause respiratory irritation. 	t ion specific for the substance or mixture led in accordance with 29 CFR 1910 (OSHA HCS)
Precautionary statements P261 Avoid breathing dust/fume/gas/mist/v P280 Wear protective gloves/protective cloves/protective cloves/protective/protect	othing/eye protection/face protection. ater for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. sh air and keep comfortable for breathing. Fordance with local/regional/national/international regulations. Tection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted e used by or directly under the supervision of a technically qualified individual as defined by TSCA. This formulations for commercial purposes. Substance is not listed. Teck is not listed. Tot state. Tot state. Tot state. Tot for a technically qualified individuals. Tot of the REACH Regulations (EC) No. 1907/2006. Substance is not listed. To the REACH Regulations (EC) No. 1907/2006. Substance is not listed. To and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the thorisation for use) Substance is not listed.
information to ensure proper use and protect the health	ment to other information gathered by them, and should make independent judgement of suitability of this and safety of employees. This information is furnished without warranty, and any use of the product not in combination with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing Department Date of preparation / last revision 1/23/2015 / - Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises de IATA-DGR: Dangerous Goods Regulations by the 'International Air Transp (CAO: International Civil Aviation Organization (CAO: Ti: Technical Instructions by the 'International Civil Aviation Organiz MDG: International Maritime Code for Dangerous Goods DDT: US Department of Transportation AAS: Chemical Abstracts Service (division of the American Chemical Socie HMIS: Hazardous Materials Information System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal dose, 50 percent VPB: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygienists (USA OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) ARC: International Safety and Health Administration (USA)	langereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) port Association" (IATA) zation" (ICAO) iety)