





Product name: Indole-3-carbonitrile

(Contd. of page 1) After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. Information for doctor Most important symptoms and effects, both acute and delayed No further relevant information available. Indication of any immediate medical attention and special treatment needed No further relevant information available. 5 Fire-fighting measures Extinguishing media Suitable extinguishing agents Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Special hazards arising from the substance or mixture If this product is involved in a fire, the following can be released: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx) Hydrogen cyanide (HCN) Advice for firefighters Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit. 6 Accidental release measures Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Environmental precautions: Do not allow material to be released to the environment without proper governmental permits. Methods and material for containment and cleaning up: Dispose of contaminated material as waste according to section 13. Ensure adequate ventilation. **Prevention of secondary hazards:** No special measures required. **Reference to other sections** See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information. 7 Handling and storage Handling Precautions for safe handling Keep container tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation at the workplace. Information about protection against explosions and fires: No information known. Conditions for safe storage, including any incompatibilities Storage Requirements to be met by storerooms and receptacles: No special requirements. Information about storage in one common storage facility: Store away from oxidizing agents. Store in the dark. Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed containers. Protect from exposure to light. Specific end use(s) No further relevant information available. 8 Exposure controls/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. Control parameters Components with limit values that require monitoring at the workplace: Not required. Additional information: No data Exposure controls Personal protective equipment General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are present. Protection of hands: Impervious gloves 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. Eye protection: Safety glasses Body protection: Protective work clothing 9 Physical and chemical properties Information on basic physical and chemical properties General Information Appearance: Form: Powder Color: Liaht brown Odor: Odorless Odor threshold: Not determined pH-value: Not applicable. Change in condition Melting point/Melting range: Boiling point/Boiling range: 177-182 °C (351-360 °F)

Not determined

Product name: Indole-3-carbonitrile

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Information on toxicological effects Acute toxicity: Harmit II swallowed: LD/LCS0 values that are relevant for classification: No data Skin irritation or corrosion: Causes serious eye irritation. Eye irritation or corrosion: Causes serious eye irritation. Eye irritation or corrosion: Causes serious eye irritation. Sensitization: No sensitization of effects known. Germ cell mutagenicity: No effects known. Specific target organ system toxicity - repeated exposure: No effects known. Specific target organ system toxicity - repeated exposure: No effects known. Specific target organ system toxicity - repeated exposure: No effects known. Acute toxicity: No effects known. Specific target organ system toxicity - repeated exposure: No effects known. 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 information available. Bioaccutitie toxicity: No further relevant information available. Bioaccutitie toxicity: No further relevant information available. Additional ecological information Control and egradability No further relevant information available. Meditional ecological information Control are relevant information available. Additional ecological information Control are relevant information available. Control and bio undikted product or large quantities to reach ground water, water course or sewage system. Avoid transfer into the environment. Results of FBT and VFB assessment PBT: Not applicable. VPW: Not applicable. Control toxicological Consulter is for applicable. Consult explored on consult state, local or national regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations.	Product name: Indole-3-carbonitrile		
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(Contd. on page 4) USA		None	
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ΙΑΤΑ	(Contd. of page
Class	9 Miscellaneous dangerous substances and articles. None
Packing group DOT, IMDG, IATA	None
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73	
Transport/Additional information:	Not dangerous according to the above specifications.
DOT Marine Pollutant (DOT):	No
5 Pagulatory information	
5 Regulatory information Safety, health and environmental regulations/legislati GHS label elements The product is classified and labele Hazard pictograms	ion specific for the substance or mixture ad in accordance with 29 CFR 1910 (OSHA HCS)
GHS07	
P405 Store locked up. P501 Dispose of contents/container in accol National regulations This product is not listed in the U.S. Environmental Protect to research and development only. This product must be product must not be used for commercial purposes or in t SARA Section 313 (specific toxic chemical listings) S California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance Prop 65 - Developmental toxicity, female Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Prop 65 - Developmental toxicity, male Substance is not lister Matomation about limitations and prohibitive regulati Substance of Very High Concern (SVHC) according to The conditions of restrictions according to Article 67 Market and use must be observed. Substance is not listed. Annex XIV of the REACH Regulations (requiring Auth Chemical safety assessment: A Chemical Safety Assestment	ze is not listed. sol. in the listed. ot listed. chnically qualified individuals. ions o the REACH Regulations (EC) No. 1907/2006. Substance is not listed. o the REACH Regulations (EC) No. 1907/2006 (REACH) for the manufacturing, placing on and Annex XVII of the Regulation (EC) No. 1907/2006 (REACH) for the manufacturing, placing on
information to ensure proper use and protect the health a	nent 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 i combination with any other product or process, is the responsibility of the user.
Date of preparation / last revision 11/23/2015 / -	
ICAO: International Civil Aviation Organization ICAO-IT: Technical Instructions by the International Civil Aviation Organizat IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association	ngereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ort Association" (IATA) ttion" (ICAO) ty)
CAS: Chemical Abstracts Service (division of the American Chemical Societ HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal concentration, 50 percent J D50: Lethal cose 50 percent	ty)
LCSO: Letrial concentration, so percent LDSO: Letrial close, 50 percent VPVB: 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) IARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)	