





	Review	/ed on 10/21/2010
Product name: 5-Chloro-1-indanone		
		(Contd. of page 1)
Information for doctor Most important symptoms and effects	s, both acute and delayed No further relevant information available.	
Indication of any immediate medical a	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. stance or mixture	
If this product is involved in a fire, the fol	llowing can be released:	
Carbon monoxide and carbon dióxide Hydrogen chloride (HCl)		
Advice for firefighters Protective equipment:		
Wear self-contained respirator.		
Wear fully protective impervious suit.		
6 Accidental release measures		
Personal precautions, protective equi	ipment and emergency procedures	
Wear protective equipment. Keep unpro Ensure adequate ventilation	tected persons away.	
Environmental precautions: Do not all	low material to be released to the environment without proper governmental permits. t and cleaning up: Ensure adequate ventilation.	
Prevention of secondary hazards: No	special measures required.	
Reference to other sections See Section 7 for information on safe ha	andling	
See Section 8 for information on personal See Section 13 for disposal information.	al protection equipment.	
7 Handling and storage		
Handling Precautions for safe handling		
Keep container tightly sealed. Store in cool, dry place in tightly closed o	containers	
Ensure good ventilation at the workplace	9.	
	explosions and fires: No information known.	
Conditions for safe storage, including Storage		
Requirements to be met by storeroon	ns and receptacles: No special requirements. Imon storage facility: Store away from oxidizing agents.	
Further information about storage con	nditions:	
Keep container tightly sealed. Store in cool, dry conditions in well seale	ed containers.	
Specific end use(s) No further relevant	information available.	
8 Exposure controls/personal prote	ection	
Additional information about design of	of technical systems:	
Control parameters	designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.	
Components with limit values that rec	quire monitoring at the workplace: Not required.	
Additional information: No data		
Exposure controls Personal protective equipment		
General protective and hygienic meas The usual precautionary measures for h	sures andling chemicals should be followed	
Keep away from foodstuffs, beverages a Remove all soiled and contaminated clo	and figed.	
VVash hands before breaks and at the el	nd of work.	
Avoid contact with the eyes and skin. Maintain an ergonomically appropriate w	vorking environment.	
Breathing equipment: Use suitable res Protection of hands:	pirator when high concentrations are present.	
Impervious aloves		
Check protective gloves prior to each us The selection of suitable gloves not only	e for their proper condition. / depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. minutes) Not determined	
Penetration time of glove material (in Eye protection: Safety glasses	minutes) Not determined	
Body protection: Protective work clothi	ing.	
9 Physical and chemical properties		
Information on basic physical and ch		
General Information Appearance:		
Form:	Crystalline powder	
Color: Odor:	Light brown Not determined	
Odor threshold:	Not determined.	
pH-value: Change in condition	Not applicable.	
Melting point/Melting range:	87-93 °C (189-199 °F)	
Boiling point/Boiling range: Sublimation temperature / start:	Not determined ´	
Flash point:	Not applicable	
Flammability (solid, gaseous) Ignition temperature:	Not determined. Not determined	
Decomposition temperature:	Not determined	
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Product name: 5-Chloro-1-indanone		(Control of page 2)
Auto igniting:	Not determined.	(Contd. of page 2)
Danger of explosion: Explosion limits: Lower: Upper: Vapor pressure: Density: Relative density Evaporation rate Solubility in / Miscibility with Water: Partition coefficient (n-octanol/water): Viscosity: dynamic: kinematic: Other information	Product does not present an explosion hazard. Not determined Not applicable. Not determined. Not determined. Not determined. Not applicable. Not applicable. Not applicable.	
10 Stability and reactivity Reactivity No information known. Chemical stability Stable under recomm Thermal decomposition / conditions to Possibility of hazardous reactions No Conditions to avoid No further relevant Incompatible materials: Oxidizing ager Hazardous decomposition products: Carbon monoxide and carbon dioxide Hydrogen chloride (HCI)	t information available.	
Reproductive toxicity: No effects know Specific target organ system toxicity Specific target organ system toxicity Aspiration hazard: No effects known. Subacute to chronic toxicity: No effect	kin irritation. rious eye irritation. own. on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. /n. - repeated exposure: No effects known. - single exposure: May cause respiratory irritation.	
12 Ecological information Toxicity Aquatic toxicity: No further relevant infor Persistence and degradability No furth Bioaccumulative potential No further n Mobility in soil No further relevant infor Additional ecological information: General notes: Do not allow material to be released to th Do not allow undiluted product or large of Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevan	her relevant information available. elevant information available. mation available. he environment without proper governmental permits. quantities to reach ground water, water course or sewage system. t	
13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be ma	or national regulations to ensure proper disposal. ade according to official regulations.	
14 Transport information Not a hazardous material for transportati	ion.	
UN-Number DOT, IMDG, IATA	None	
UN proper shipping name DOT, IMDG, IATA	None	
Transport hazard class(es) DOT, ADR, IMDG, IATA		
Class Packing group DOT, IMDG, IATA	None	
	None Not applicable	
Environmental hazards: Special precautions for user	Not applicable. Not applicable.	
	I of MARPOL73/78 and the IBC Code Not applicable.	
Transport/Additional information:	Not dangerous according to the above specifications.	
		(Contd. on page 4)

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DOT Marine Pollutant (DOT):	No
5 Regulatory information Safety, health and environmental regulation GHS label elements The product is classified Hazard pictograms	ns/legislation specific for the substance or mixture and labeled in accordance with 29 CFR 1910 (OSHA HCS)
P304+P340 IF INHALED: Remove person P405 Store locked up. P501 Dispose of contents/contain National regulations All components of this product are listed in the SARA Section 313 (specific toxic chemical I California Proposition 65 Prop 65 - Chemicals known to cause cancer Prop 65 - Developmental toxicity, substance Prop 65 - Developmental toxicity, male Substance Prop 65 - Developmental toxicity, male Substance Other regulations, limitation of use: For use Other regulations, limitations and prohibitiv Substance of Very High Concern (SVHC) ac The conditions of restrictions according to market and use must be observed. Substance is not listed.	ective clothing/eye protection/face protection. If with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If the air and keep comfortable for breathing. If the accordance with local/regional/national/international regulations. U.S. Environmental Protection Agency Toxic Substances Control Act Chemical substance Inventory. Istings) Substance is not listed. Is substance is not listed. Is not listed. Is not listed. Istance is not listed. Article 67 and Annex XVII of the Regulation (EC) No. 1907/2006. Substance is not listed. Istance is not here and Annex XVII of the Regulation (EC) No. 1907/2006 (REACH) for the manufacturing, placing on the Istance is not use) Substance is not listed.
Other information Employers should use this information only as information to ensure proper use and protect th conformance with this Material Safety Data Sh Department issuing SDS: Global Marketing L Date of preparation / last revision 11/24/201	a supplement to other information gathered by them, and should make independent judgement of suitability of this ne health and safety of employees. This information is furnished without warranty, and any use of the product not in eet, or in combination with any other product or process, is the responsibility of the user. Department E
Abbreviations and acronyms:	chandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) al Air Transport Association" (IATA) tion Organization" (ICAO)