





Product name: 2-(2-Thienyl)pyrrolidine			
Information for doctor		(Contd. of page 1)	
Most important symptoms and effects	ts, both acute and delayed No further relevant information available. 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) Sulfur oxides (SOx) 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: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). 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 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. Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed containers. Store in cool, dry conditions in well sealed containers.			
8 Exposure controls/personal prote			
Additional information about design	Additional information about design of technical systems:		
Control parameters Components with limit values that red	l designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. Aquire 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. Penetration time of glove material (in minutes) Not determined Eye protection: Protective work clothing.			
9 Physical and chemical properties			
Information on basic physical and chemical properties General Information Appearance: Form:			
Odor: Odor threshold:	Not determined Not determined.		
pH-value:	Not determined.		
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	Not determined Not determined Not determined		
Flash point: Flammability (solid, gaseous) Ignition temperature:	Not determined Not determined. Not determined		
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Decomposition temperature: Auto igniting:	Not determined Not determined.		
Danger of explosion:	Product does not present an explosion hazard.		
Explosion limits: Lower:	Not determined		
Upper:	Not determined		
Vapor pressure: Density:	Not determined Not determined		
Relative density	Not determined.		
Vapor density Evaporation rate	Not determined. Not determined.		
Solubility in / Miscibility with			
Water: Partition coefficient (n-octanol/wate	Not determined er): Not determined.		
Viscosity: dynamic:	Not determined.		
kinematic:	Not determined.		
Other information	No further relevant information available.		
10 Stability and reactivity			
Reactivity No information known.			
Chemical stability Stable under recon Thermal decomposition / conditions	mmended storage conditions. s to be avoided: Decomposition will not occur if used and stored according to specifications.		
Possibility of hazardous reactions N	No dangerous reactions known		
Conditions to avoid No further relevand Incompatible materials: Oxidizing ag	aents		
Hazardous decomposition products	S:		
Carbon monoxide and carbon dioxide Nitrogen oxides			
Sulfur oxides (SOx)			
11 Toxicological information			
Information on toxicological effects	3		
Acute toxicity: No effects known. LD/LC50 values that are relevant for	r classification: No data		
Skin irritation or corrosion: Causes	skin irritation.		
Eye irritation or corrosion: Causes s	serious eye irritation.		
Sensitization: No sensitizing effects k Germ cell mutagenicity: No effects k	(NOWN.		
Carcinogenicity: No classification dat	ta on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.		
Reproductive toxicity: No effects kno Specific target organ system toxicit	own. ty - repeated exposure: No effects known.		
Specific target organ system toxicity - single exposure: May cause respiratory irritation.			
Aspiration hazard: No effects known. Subacute to chronic toxicity: No effe	ects 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	information available		
Aquatic toxicity: No further relevant in Persistence and degradability No fur	information available. Irther relevant information available.		
Bioaccumulative potential No further	er relevant information available.		
Mobility in soil No further relevant info Additional ecological information:	formation available.		
General notes:			
Do not allow material to be released to the environment without proper governmental permits. Do not allow undiluted product or large quantities to reach ground water, water course or sewage system.			
Avoid transfer into the environment.			
Results of PBT and vPvB assessment PBT: Not applicable.			
vPvB: Not applicable. Other adverse effects No further rele	evant information available.		
13 Disposal considerations			
Waste treatment methods			
	al or national regulations to ensure proper disposal.		
Uncleaned packagings:	made according to official regulations.		
Recommendation. Disposal must be			
14 Transport information Not a hazardous material for transport	tation.		
UN-Number DOT, IMDG, IATA	None		
UN proper shipping name DOT, IMDG, IATA	None		
Transport hazard class(es)			
DOT, ADR, IMDG, IATA			
Class	None		
Packing group DOT, IMDG, IATA	None		
Environmental hazards:	Not applicable.		
Special precautions for user	Not applicable.		

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Transport in bulk according to Annex II of MARPOL73/78	and the IBC Code Not applicable.		
Transport/Additional information:	Not dangerous according to the above specifications.		
DOT Marine Pollutant (DOT):	No		
15 Regulatory information			
Safety, health and environmental regulations/legislation specific for the substance or mixture GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms			
GHS07			
Signal word Warning Hazard statements H315 Causes skin irritation. H319 Causes serious eye irritation. H325 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapour P280 Wear protective gloves/protective clothing/ P305+P351+P338 IF IN EYES: Rinse cautiously with water to P304+P340 IF INHALED; Remove person to fresh air a			
P405 Store locked up.	ce with local/regional/national/international regulations.		
This product is not listed in the U.S. Environmental Protection	Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted d by or directly under the supervision of a technically qualified individual as defined by TSCA. This ulations for commercial purposes. ance is not listed.		
Prop 65 - Chemicals known to cause cancer Substance is a Prop 65 - Developmental toxicity Substance is not listed. Prop 65 - Developmental toxicity, female Substance is not is Prop 65 - Developmental toxicity, male Substance is not list	listed. ted.		
Information about limitation of use: For use only by technic Other regulations, limitations and prohibitive regulations Substance of Very High Concern (SVHC) according to the The conditions of restrictions according to Article 67 and market and use must be observed.	cally qualified individuals. • REACH Regulations (EC) No. 1907/2006. Substance is not listed. • Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the		
Substance is not listed. Annex XIV of the REACH Regulations (requiring Authorise Chemical safety assessment: A Chemical Safety Assessme	ation for use) Substance is not listed. Int has not been carried out.		
information to ensure proper use and protect the health and s	o other information gathered by them, and should make independent judgement of suitability of this afety of employees. This information is furnished without warranty, and any use of the product not in ination with any other product or process, is the responsibility of the user.		
Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/24/2015 / - Abbreviations and acconvms:	······································		
IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal concentration, 50 percent LD50: Lethal concentration, 50 percent			
LDS0. Letral dose, so 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)			
EPA: Environmental Protection Agency (USA)	USA		