



<pre>11 Identification Product name: T-Methody-2.2.4-trimethyl-1.2-dihydroquinoline Product name: T-Methody-2.2.4-trimethyl-1.2-dihydroquinoline Product name: T-Methody-2.2.4-trimethyl-1.2-dihydroquinoline Product name: T-Methody-Education Pro</pre>	Revision d	ale 07/13/2010
Product name: 7-Methody-2.2.4-trimethyl-1.2-dihydroquinoline Stock number: Stock number: Sto		
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Manufacture/Supplie: Thermory Street Thermory Street Part St	Details of the supplier of the safety data sheet	
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Ward Hill, MA 01085-0090 Six: 00-022 dF7 Env: 00-022 dF7 Charling Formation of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Or 00-07 Griss Official of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Or 00-07 Griss Official of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Or 00-07 Or 00-07 Griss Official of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Or 00-07 Or 00-07 Griss Official of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Or 00-07 Or 00-07 Griss Official of the substance or mixture in accordance of the 29 CFR 1910 (OSHA HCS) Or 00-07 Or 00-07 Griss Official of the substance or mixture in accordance of the 29 CFR 1910 (OSHA HCS) Or 00-07	Thermo Fisher Scientific Chemicals, Inc.	
Fare: 500-522 - 4757- mormation Department: Health. Safety and Environmental Department Environmental business hours, (Anday-Friday, Bam-7pm EST), call (800) 343-0660. After normal business hours, call Carechem 24 at (866) 928-0789. 2 Hazard(s) identification Chestification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Construction of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Construction of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Construction of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Construction of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Construction of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Construction of the substance of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Construction of the substance of	Ward Hill, MA 01835-8099 Tel: 800-343-0660	
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H335 May cause respiratory initiation. Precautionary statements P201 Avoid breathing dust/fume/gas/mist/vapours/spray. P302 P4733 West Protective gloves/protective dothing/eye protection. P302 P4734 West Protective gloves/protective dothing/eye protection. P302 P4734 West Particle Part	H315 Causes skin irritation.	
P261 Avoid breathing dust/lume/gas/mist/vapours/spray. P280 Pay protective gloves/protective protection/face protection. P305+P35+P338 IF IN EYES, Rinse caulously with water for several minutes. Remove control lenses, if present and easy to do. Continue rinsing. P305+P35+P318 IF IN EYES, Rinse caulously with water for several minutes. Remove control tesh air and keep at rest in a position comfortable for breathing. P305+P31+P318 IF IN EYES, Rinse caulously with water for several minutes. Remove control tesh air and keep at rest in a position comfortable for breathing. P305+P31+P313 If is kin irritation oncurs: Get medical advice/attention. P403+P233 Store locked up. P403+P231 Store locked up. P403+P233 Store in a well-ventilated place. Keep container tighty closed. P601 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIB classification System D2B - Toxic material clausing other toxic effects P601 P61 Health (acute effects) = 1 P61 Flowmathing (scale 0-4) (Hazardous Materials Identification System) P61 P61 Health (acute effects) = 1 P61 Flowmathing = 1 P61 P61 P61 P61 P61 </td <td>H315 May cause respiratory irritation. Precautionary statements</td> <td></td>	H315 May cause respiratory irritation. Precautionary statements	
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P32 +P313 If skin initiation occurs: Get medical advice/attention. P405 Store locked up. P405+P233 Store in a vell-ventilated place. Keep container tightly closed. P605 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification system Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification system High classification system HMIS ratings (scale 0-4) High classification system HMIS ratings (scale 0-4) High classification system HMIS ratings (scale 0-4) Hight classification system Hight classification system Hight classification system Hight classificatid classification	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304-P340 IF INHALED: Remove victim to fresh air and keep at rest in a position contact lenses, if present and easy to do. Continue rinsing.	
P405 Store locked up. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. D28 - Toxic material causing other toxic effects Image: Classification system MMIS ratings (scale 0-4) (rdazarda) (rdazardous Materials Identification System) Image: Classification system Image: Planmability = 1 Health (acute effects) = 1 Flanmability = 1 Health (acute offects) = 1 PBT: Not applicable. Physical Hazard = 1 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. PBT: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CASH Description: 1810-74-8 7-Methoxy-2,2,4-trimethyl-1,2-dihydroquinoline 4 First-aid measures Description of first aid measures Description of first aid measures After inhalation Supply Tresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate modical advice. After shired and soap and rinse thoroughly. <	P362 Take off contaminated clothing and wash before reuse. P321 Specific treatment (see on this label)	
P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMUS classification D2B - Toxic material causing other toxic effects Image: Classification system Health (acute ffects) = 1 Hazardous Materials Identification System) Health (acute effects) = 1 Health (acute effects) = 1 Flarmability = 1 Provide Hazardos Physical Hazard = 1 Other hazards Pest Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CASS Description: 1810-74-8 7-Methoxy-2,2,4-trimethyl-1,2-dihydroquinoline 4 First-aid measures Description of first aid measures After shinability fresh air. If required, provide antificial respiration. Keep patient warm. Seek international regulations. Supply fresh air. If required, provide antificial respiration. Keep patient warm. Seek international regulations. Supply fresh air. If required, provide antificial respiration. Keep patient warm. Seek international regulations. Seek internationel wash with water and soap and rinse thoroughly. Immediately wash with water and soap and rinse thoroughly.	P332+P313 If skin irritation occurs: Get medical advice/attention.	
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PBT: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CAS# Description: 1810-74-8 7-Methoxy-2,2,4-trimethyl-1,2-dihydroquinoline 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly.		
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Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly.		
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Immediately wash with water and soap and rinse thoroughly.	Supply nesh an. In required, provide antificial respiration. Keep patient warm. Seek immediate medical advice.	
(Contd. on page 2) USA	Immediately wash with water and soap and rinse thoroughly.	Control
		Jonta. on page 2)

Safety Data Sheet acc. to OSHA HCS

Product name: 7-Methoxy-2,2,4-trimethyl-1,2-dihydroquinoline

Product name: 7-Methoxy-2,2,4-trime	ethyl-1,2-dihydroquinoline		
		(Contd. of page 1)	
Seek immediate medical advice. After eye contact Rinse opened eye for	several minutes under running water. Then consult a doctor.		
After swallowing Seek medical treatmen Information for doctor	nt.		
Most important symptoms and effects Causes skin irritation.	s, both acute and delayed		
Causes serious eye irritation.			
May cause respiratory irritation. Indication of any immediate medical a	ttention and special treatment needed No further relevant information available.		
5 Fire-fighting measures			
Extinguishing media	The file of the second s		
Suitable extinguishing agents Carbon Special hazards arising from the subs	dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. tance or mixture		
If this product is involved in a fire, the foll Carbon monoxide and carbon dioxide	lowing can be released:		
Nitrogen oxides (NOx) Advice for firefiahters			
Protective equipment: Wear self-contained respirator.			
Wear fully protective impervious suit.			
6 Accidental release measures			
Personal precautions, protective equi Wear protective equipment. Keep unprot	pment and emergency procedures ected persons away.		
Ensure adequate ventilation	pw product to reach sewage system or any water course.		
Methods and material for containment	t and cleaning up: Ensure adequate ventilation.		
Prevention of secondary hazards: No Reference to other sections			
See Section 7 for information on safe had See Section 8 for information on personal	naling al 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 o	containers.		
Ensure good ventilation at the workplace	explosions and fires: No information known.		
Conditions for safe storage, including			
Storage Requirements to be met by storeroom	s and receptacles: No special requirements.		
Information about storage in one com Further information about storage con	mon storade facility: Store away from oxidizing agents.		
Keep container tightly sealed. Store in cool, dry conditions in well sealed containers.			
Specific end use(s) No further relevant	information available.		
8 Exposure controls/personal prote			
Additional information about design o			
Control parameters			
Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.			
Additional information: No data	· · · · · · · · · · · · · · · · · · ·		
Exposure controls Personal protective equipment			
General protective and hygienic meas The usual precautionary measures for ha	andling chemicals should be followed.		
Keep away from foodstuffs, beverages a Remove all soiled and contaminated clot	nd feed. Ihing immediately.		
Wash hands before breaks and at the en Avoid contact with the eves and skin.	nd of work.		
Maintain an ergonomically appropriate w Breathing equipment: Use suitable resu	pirator when high concentrations are present.		
Recommended filter device for short t	erm use: PE (EN 143) cartridges as a backup to engineering controls. Risk assessment should be performed to dete	rmine if air-	
purifying respirators are appropriate. On Protection of hands:	ly use equipment tested and approved under appropriate government standards.		
Impervious aloves	e for their proper condition		
The selection of suitable gloves not only	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: Safety glasses Body protection: Protective work clothin	ng.		
9 Physical and chemical properties			
Information on basic physical and che General Information	emical properties		
Appearance:	Pourder		
Form: Odor:	Powder Not determined		
Odor threshold: pH-value:	Not determined. Not applicable.		
Change in condition			
Melting point/Melting range:	Not determined	(Contd. on page 3)	
		USA USA	

Product name: 7-Methoxy-2,2,4-trimethyl-1,2-dihydroquinoline

Page 3/4 Printing date 07/14/2016 Revision date 07/13/2016

Product name: 7-Methoxy-2,2,4-trimethyl-1,2-dihydroquinoline			
		(Contd. of page 2)	
Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature:	Not determined Not determined Not determined Not determined Not determined		
Auto igniting: Danger of explosion:	Not determined. Not determined.		
Explosion limits: Lower:	Not determined.		
Upper:	Not determined		
Vapor pressure: Density: Lensity:	Not applicable. Not determined		
Relative density Vapor density	Not determined. Not applicable.		
Evaporation rate Solubility in / Miscibility with	Not applicable.		
Water: Partition coefficient (n-octanol/water) Viscosity:			
dynamic: kinematic:	Not applicable. Not applicable.		
Other information	No further relevant information available.		
10 Stability and reactivity Reactivity No information known. Chemical stability Stable under recommended storage conditions. Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications. Possibility of hazardous reactions Reacts with strong oxidizing agents Conditions to avoid No further relevant information available. Incompatible materials: Oxidizing agents Hazardous decomposition products: Carbon monoxide and carbon dioxide Nitrogen oxides			
11 Toxicological information Information on toxicological effects Acute toxicity: No effects known. LD/LC50 values that are relevant for classification: No data Skin irritation or corrosion: Causes skin irritation. Eye irritation or corrosion: Causes serious eye irritation. Sensitization: No sensitizing effects known. Germ cell mutagenicity: No effects known. Carcinogenicity: No effects known. Carcinogenicity: No effects known. Specific target organ system toxicity - 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 effects known. Subacute to chronic toxicity: No effects known. Additional toxicological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. Carcinogenic categories OSHA-Ca (Occupational Safety & Health Administration) Substance is not listed.			
12 Ecological information Toxicity Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: 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 relevant 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 made according to official regulations.			
14 Transport information			
UN-Number DOT, ADN, IMDG, IATA	Not applicable		
UN proper shipping name DOT, ADN, IMDG, IATA	Not applicable		
Transport hazard class(es)			
DOT, ADR, ADN, IMDG, IATA Class	Notannliaghla		
	Not applicable		
Packing group DOT, IMDG, IATA	Not applicable	Contra or see 1	
		(Contd. on page 4)	

Product name: 7-Methoxy-2,2,4-trimethyl-1,2-dihy	droquinoline
	(Contd. of page 3)
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/	/78 and the IBC Code Not applicable.
Transport/Additional information:	
DOT	
Marine Pollutant (DOT):	No
UN "Model Regulation":	-
15 Regulatory information Safety, health and environmental regulations/legislatic GHS label elements The product is classified and labeled 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 Ayoid breathing dust/fume/gas/mist/vap	1 in accordance with 29 CFR 1910 (OSHA HCS) bours/spray.
P280 Wear protective gloves/protective cloth P305+P351+P338 IF IN EYES: Rinse cautiously with wate P304+P340 IF INHALED: Remove victim to fresh ai P362 Take off contaminated clothing and was P321 Specific treatment (see on this label). P332+P313 If skin irritation occurs: Get medical adv P405 Store locked up. P403+P233 Store in a well-ventilated place. Keep c P501 Dispose of contents/container in accord National regulations This product is not listed in the U.S. Environmental Protect to research and development only. This product must be used for commercial purposes or subst SARA Section 313 (specific toxic chemical listings) Su California Proposition 65 Prop 65 - Developmental toxicity Substance is not listed Prop 65 - Developmental toxicity, female Substance is r Prop 65 - Developmental toxicity, male Substance is not Prop 65 - Developmental toxicity, male Substance is no Internation about limitation of use: For use only by terd	ing/eyé protection/face protection. er for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. ir and keep at rest in a position comfortable for breathing. sh before reuse. vice/attention. container tightly closed. dance with local/regional/national/international regulations. tion Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted used by or directly under the supervision of a technically qualified individual as defined by TSCA. This ormulations for commercial purposes. tances List (DSL) or the Canadian Non-Domestic Substances List (NDSL). ibstance is not listed. it isted. it isted. it isted. it listed. hnically qualified individuals. ms the REACH Regulations (EC) No. 1907/2006. Substance is not listed. and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the prisation for use) Substance is not listed.
16 Other information Employers should use this information only as a suppleme	ent to other information gathered by them, and should make independent judgement of suitability of this nd safety of employees. This information is furnished without warranty, and any use of the product not in ombination with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing Department Date of preparation / last revision 07/14/2016 / - Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par F DOT: US Department of Transportation CAS: Chemical Abstracts Service (division of the American Chemical Society, HMIS: Hazardous Materials Identification System (USA) WHNIS: Workplace Hazardous Materials Information System (Canada) LCSD: Lethal concentration, 50 percent LD50: Lethal concentration, 50 percent VP-B: 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) Skin Intit. 2: Skin corrosion/irritation, Hazard Category 2A Eve Intit. 2A: Sepcific target organ toxicity - Single exposure, Hazard Category STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category	Route (European Agreement concerning the International Carriage of Dangerous Goods by Road))