



1 Identification Broduct identifier	
Product identifier Product name: <b>3-n-Decylthiophene</b>	
Stock number:       H55251         CAS Number:       65016-55-9         Relevant identified uses of the substance or mixture and uses advised against.         Identified use:       SU24         SU24       Scientific research and development	
Details of the supplier of the safety data sheet	
Manufacturer/Supplier: Alfa Aesar Thermo Fisher Scientific Chemicals, Inc. 30 Bond Street Ward Hill, MA 01835-8099 Tel: 800-343-0660 Fax: 800-322-4757	
Email: tech@alfa.com www.alfa.com	
Information Department: Health, Safety and Environmental Department Emergency telephone number: During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660. After normal business hours, call Carechem 24 at (866) 928-	0789.
2 Hazard(s) identification Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) The substance is not classified according to the Globally Harmonized System (GHS). Hazards not otherwise classified No information known.	
Label elements GHS label elements Not applicable Hazard pictograms Not applicable Signal word Not applicable Hazard statements Not applicable WHMIS classification Not controlled Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System)	
Health       •         IFRE       •         Flammability = 1         REACTIVITY         Physical Hazard = 1	
Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.	
3 Composition/information on ingredients Chemical characterization: Substances CAS# Description: 65016-55-9 3-n-Decylthiophene	
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. Seek immediate medical advice.	
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 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 product to reach sewage system or any water course. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sa Prevention of secondary hazards: No special measures required. Reference to other sections	awdust).
See Section 8 for information on safe handling See Section 8 for information on personal protection equipment.	
	(Contd. on page 2)

## Product name: 3-n-Decylthiophene

See Section 13 for disposal information.

7 Handling and storage			
7 Handling and storage			
Handling			
Precautions for safe handling			
Keen container tightly sealed			
Store in cool, dry place in tightly closed containers. Information about protection against explosions and fires: No information known.			
Conditions for safe storage, including	•		
Storage	y any incompatibilities		
Requirements to be met by storeroor	ns and receptacles: No special requirements.		
Information about storage in one con	nmon storage facility: Store away from oxidizing agents.		
Further information about storage co Keep container tightly sealed.	nations:		
Store in cool. drv conditions in well seal	led containers.		
Specific end use(s) No further relevant	t information available.		
9 Evenesure controls/norsenal prof			
8 Exposure controls/personal prot			
Additional information about design	of technical systems: designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.		
Control parameters	quire monitoring at the workplace.		
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 mea The usual precautionary measures for h	sures andling chemicals should be followed		
Keep away from foodstuffs, beverages	and feed.		
Keep away from foodstuffs, beverages a Remove all soiled and contaminated clo	othing immediately.		
Wash hands before breaks and at the e	na of work. Markina environment		
Breathing equipment: Use suitable res	working environment. spirator when high concentrations are present.		
Recommended filter device for short	term use:		
Use a respirator with organic vapor/acio	I gas cartridges as a backup to engineering controls. Risk assessment should be performed to determine if air-purifying quipment tested and approved under appropriate government standards such as NIOSH (USA) or CEN (EU).		
	quipment tested and approved under appropriate government standards such as NIOSH (USA) of CEN (EO).		
Protection of hands.			
Protection of hands: Impervious gloves			
Impervious gloves Check protective gloves prior to each us	se for their proper condition.		
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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

(Contd. on page 3)

(Contd. of page 1)

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Product name: 3-n-Decylthiophene			
Hazardous decomposition products:		(Contd. of page 2)	
Carbon monoxide and carbon dioxide Sulfur oxides (SOx)			
11 Toxicological information			
Information on toxicological effects Acute toxicity: No effects known.			
LD/L C50 values that are relevant for classification: No data Skin irritation or corrosion: May cause irritation			
Skin Irritation or corrosion: May cause irritation Eye irritation or corrosion: May cause irritation Sensitization: No sensitizing effects known.			
Germ cell mutagenicity: No effects known.			
Carcinogenicity: No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. Reproductive toxicity: No effects known.			
Specific target organ system toxicity - single exposure: No effects known. Specific target organ system toxicity - single exposure: No effects known.			
Aspiration hazard: No effects known.			
Subacute to chronic toxicity: No effects known. Additional toxicological information: To the best of our knowledge the acut	e and chronic toxicity of this substance is not fully known.		
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:	r course or courses avoiem		
Do not allow undiluted product or large quantities to reach ground water, wate Avoid transfer into the environment.	r course of sewaye system.		
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:			
<b>Recommendation:</b> 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	Not applicable		
Packing group DOT, IMDG, IATA			
DOT, IMDG, IATA Environmental hazards:	Not applicable Not applicable.		
Special precautions for user	Not applicable.		
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Co			
Transport/Additional information:			
DOT Marine Pollutant (DOT):	No		
UN "Model Regulation":	-		
15 Regulatory information			
Safety, health and environmental regulations/legislation specific for the substance or mixture			
GHS label elements Not applicable			
Hazard pictograms Not applicable Signal word Not applicable			
Hazard statements' Not applicable National regulations			
This product is not listed in the U.S. Environmental Protection Agency Toxic S to research and development only. This product must be used by or directly un	ubstances Control Act Chemical Substance Inventory. Use of this pro nder the supervision of a technically gualified individual as defined by	oduct is restricted TSCA. This	
product must not be used for commercial purposes or in formulations for commercial purposes. This product is not listed on the Canadian Domestic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL).			
SARA Section 313 (specific toxic chemical listings) Substance is not listed.			
California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is not listed.			

California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is not listed. Prop 65 - Developmental toxicity Substance is not listed. Prop 65 - Developmental toxicity, female Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Information about limitation of use: For use only by technically qualified individuals. Other regulations, limitations and prohibitive regulations Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No. 1907/2006. Substance is not listed. The conditions of restrictions according to Article 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the market and use must be observed. Substance is not listed. Annex XIV of the REACH Regulations (requiring Authorisation for use) Substance is not listed. (Contd. on page 4)

(Contd. on page 4)

## Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 16 Other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the use Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/24/2015 / - Abbreviations and accoryms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) DOT: US Department of Transportation 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 dose, 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) MARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)

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USA