



Reviewed of on 1020
1 Identification
Product identifier
Product name: <u>Decamethylferrocene</u> Stock number: 39406
CAS Number:
12126-50-0 Relevant identified uses of the substance or mixture and uses advised against. Identified use: SU24 Scientific research and development
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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)
GHS07
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation. Hazards not otherwise classified No information known.
Label elements
GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms
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GHS07
Signal word Warning Hazard statements
H315 Causes skin irritation. H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection. 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 person to fresh air and keep comfortable for breathing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification
D2B - Toxic material causing other toxic effects
(T)
Classification system HMIS ratings (scale 0-4)
(Hazardous Materials Identification System)
FIRE 1 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: 12126-50-0 Decamethylferrocene
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 eve contact Rinse opened eve for several minutes under running water. Then consult a doctor.
After śwallowing Seek medical treatment. (Contd. on page

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Product name: Decamethylferrocen	10	
		(Contd. of page 1)
Information for doctor	to both courts and delayed Nie further relevant information available	(contai of page 1)
Most important symptoms and enects Indication of any immediate medical	t s, both acute and delayed No further relevant information available. I attention and special treatment needed No further relevant information available.	
5 Fire-fighting measures		
Extinguishing media	- Participantian in the angular an under an ender Picht larger first with water aprover alegabel registent from	I
Suitable extinguishing agents Carbon Special hazards arising from the subs	n dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.	
If this product is involved in a fire, the fo	ollowing can be released:	
Carbon monoxide and carbon dioxide		
Metal oxide fume Advice for firefighters		
Protective equipment:		
Wear self-contained respirator. Wear fully protective impervious suit.		
6 Accidental release measures		
Personal precautions, protective equi	uipment and emergency procedures	
Wear protective equipment. Keep unpro	otected persons away.	
Ensure adequate ventilation Environmental precautions: Do not all	allow material to be released to the environment without proper governmental permits.	
Methods and material for containmen	nt and cleaning up: Ensure adequate ventilation.	
Prevention of secondary hazards: No	כ special measures required.	
Reference to other sections See Section 7 for information on safe ha	andling	
See Section 7 for information on person See Section 13 for disposal information.	nal protection equipment.	
See Section 13 for disposal information.	<u> </u>	
7 Handling and storage		
Handling		
Precautions for safe handling		
Keep container tightly sealed.	·	
Store in cool, dry place in tightly closed Ensure good ventilation at the workplace	containers.	
	t explosions and fires: No information known.	
Conditions for safe storage, including	•	
Storage		
Requirements to be met by storeroon	ms and receptacles: No special requirements.	
Further information about storage in one con Further information about storage co	mmon storage facility: Store away from oxidizing agents. onditions:	
Keep container tightly sealed.		
Store in cool, dry conditions in well seale	led containers.	
Specific end use(s) No further relevant		
8 Exposure controls/personal prote	tection	
Additional information about design of	of technical systems:	
Properly operating chemical fume hood	d designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.	
Control parameters		
Components with limit values that red	equire monitoring at the workplace: Not required.	
Exposure controls Personal protective equipment		
General protective and hygienic meas	asures	
I he usual precautionary measures for h	handling chemicals should be followed.	
Keep away from foodstuffs, beverages a	and feed.	
Remove all soiled and contaminated clo Wash hands before breaks and at the el	and of work.	
Avoid contact with the eves and skin.		
Breathing equipment: Use suitable re	working environment. espirator when high concentrations are present.	
Protection of hands:		
Impervious gloves Check protective gloves prior to each us	in for their proper condition	
The selection of suitable gloves not only	ly depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer.	
Penetration time of glove material (in	ly depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. n minutes) Not determined	
Eye protection: Safety glasses Body protection: Protective work clothi		
9 Physical and chemical properties	.s	
Information on basic physical and ch	hemical properties	
General Information		
Appearance: Form:	Crystalline	
Color:	Orange	
Odor: Odor threshold:	Odorless	
	Not determined.	
pH-value:	Not applicable.	
Change in condition Melting point/Melting range:	298-300 °C (568-572 °F) ((sub))	
Boiling point/Boiling range:	Not determined	
Sublimation temperature / start:	Not determined	
Flash point:	Not applicable	
Flammability (solid, gaseous)	Not determined. Not determined	
Ignition temperature: Decomposition temperature:	Not determined Not determined	
		(Contd. on page 3)
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Product name: Decamethylferrocone

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enic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.
xposure: No effects known. osure: May cause respiratory irritation.
Sure. May bause respiratory initiation.
urine, black stool, and liver damage. May cause damage to the kidneys. Irritating to the respiratory tract, they
f our knowledge the acute and chronic toxicity of this substance is not fully known.
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ent without proper governmental permits.
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gulations to ensure proper disposal.
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None
None
None
None
None
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