

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 10/06/2014

Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier		
Product form	: Substance	
Substance name	: Mercuric Thiocyanate	
Chemical name	: Mercury (II) thiocyanate	
CAS No	: 592-85-8	
Product code	: LC16710	
Formula	: Hg(SCN)2	
1.2. Relevant identified uses of t	he substance or mixture and uses advised against	

Use of the substance/mixture

: For laboratory and manufacturing use only.

### 1.3. Details of the supplier of the safety data sheet

LabChem Inc Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court Zelienople, PA 16063 - USA T 412-826-5230 - F 724-473-0647

info@labchem.com - www.labchem.com

### 1.4. **Emergency telephone number**

Emergency number

: CHEMTREC: 1-800-424-9300 or 011-703-527-3887

### **SECTION 2: Hazards identification**

Classification of the substance or mixture 2.1.

### **GHS-US classification**

Acute Tox. 2 (Oral)	H300
Acute Tox. 3 (Dermal)	H311
Acute Tox. 2 (Inhalation)	H330
STOT RE 2	H373
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

### Label elements 2.2.

### **GHS-US** labelling

Hazard pictograms (GHS-US)

Signal word (GHS-US) Hazard statements (GHS-US)

Precautionary statements (GHS-US)

GHS06 GHS08 GHS09

### : Danger

- : H300+H330 Fatal if swallowed or if inhaled
- H311 Toxic in contact with skin
- H373 May cause damage to organs (nervous system) through prolonged or repeated exposure
- H410 Very toxic to aquatic life with long lasting effects
- : P260 Do not breathe dust
- P264 Wash exposed skin thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P271 Use only outdoors or in a well-ventilated area
- P273 Avoid release to the environment
- P280 Wear protective gloves, protective clothing, eye protection, face protection
- P284 Wear respiratory protection
- P301+P310 IF SWALLOWED: immediately call a POISON CENTER or doctor/physician
- P302+P352 IF ON SKIN: Wash with plenty of soap and water
- P304+P340 IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing
- P310 Immediately call a POISON CENTER or doctor/physician
- P330 If swallowed, rinse mouth
- P361 Remove/Take off immediately all contaminated clothing
- P363 Wash contaminated clothing before reuse

## Mercuric Thiocyanate Safety Data Sheet

		P403 P403	1 - Collect spillage 3+P233 - Store in a well-ventilate 5 - Store locked up 1 - Dispose of contents/container		
2.3.	Other hazards				
Other h classific	nazards not contributing to the cation	: Non	e under normal conditions.		
2.4.	Unknown acute toxicity (GHS-US)				
No data	a available				
SECT	ION 3: Composition/information	on on ii	ngredients		
3.1.	Substance				
Substa	nce type	: Mon	o-constituent		
Name		: Mere	curic Thiocyanate		
CAS No	ο	: 592-	85-8		
Name	•		Product identifier	%	GHS-US classification
	ric Thiocyanate onstituent)		(CAS No) 592-85-8	100	Acute Tox. 2 (Oral), H300 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation), H330 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
3.2.	Mixture				
Not app	olicable				
SECT	ION 4: First aid measures				
	Description of first sid measures				
	Description of first aid measures				
4.1.	d measures general		er give anything by mouth to an u w the label where possible).	inconscious person.	If you feel unwell, seek medical advic
4.1. First-aid		(sho		·	If you feel unwell, seek medical advic

First-aid measures after eye contact

First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Fatal if swallowed. Immediately call a POISON CENTER or doctor/physician.
4.2. Most important symptoms and effect	ets, both acute and delayed
Symptoms/injuries	: Causes damage to organs.
Symptoms/injuries after skin contact	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.
Symptoms/injuries after ingestion	: Fatal if swallowed.
4.3. Indication of any immediate medical	l attention and special treatment needed
Obtain medical assistance.	

: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

SECTION 5: Firefighti	ng measures
5.1. Extinguishing me	dia
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing med	dia : Do not use a heavy water stream.
5.2. Special hazards a	rising from the substance or mixture
No additional information ava	ailable
5.3. Advice for firefigh	nters
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

persist.

# Mercuric Thiocyanate Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Mond

March 26, 2012 / Pulos ulati

	according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations		
SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipment and emergency procedures			
6.1.1. For non-emergency personnel			
Protective equipment	: Safety glasses. Gloves. Protective clothing. Combined gas/dust mask with filter type Hg/P3.		
Emergency procedures	: Evacuate unnecessary personnel.		
6.1.2. For emergency responders			
Protective equipment	: Equip cleanup crew with proper protection.		
Emergency procedures	: Ventilate area.		
6.2. Environmental precautions			
Prevent entry to sewers and public waters. Notify	v authorities if liquid enters sewers or public waters. Avoid release to the environment.		
6.3. Methods and material for containme	ent and cleaning up		
Methods for cleaning up	: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.		
6.4. Reference to other sections			
See Heading 8. Exposure controls and personal	protection.		
SECTION 7: Handling and storage			
SECTION 7: Handling and storage7.1.Precautions for safe handling			
	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust.		
7.1. Precautions for safe handling	smoking and when leaving work. Provide good ventilation in process area to prevent formation of		
7.1.         Precautions for safe handling           Precautions for safe handling	<ul> <li>smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust.</li> <li>Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling.</li> </ul>		
7.1.       Precautions for safe handling         Precautions for safe handling         Hygiene measures	<ul> <li>smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust.</li> <li>Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling.</li> </ul>		
<ul> <li>7.1. Precautions for safe handling</li> <li>Precautions for safe handling</li> <li>Hygiene measures</li> <li>7.2. Conditions for safe storage, including</li> </ul>	<ul> <li>smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust.</li> <li>Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling.</li> <li>ng any incompatibilities</li> <li>Keep only in the original container in a cool, well ventilated place away from : Direct sunlight.,</li> </ul>		
<ul> <li>7.1. Precautions for safe handling</li> <li>Precautions for safe handling</li> <li>Hygiene measures</li> <li>7.2. Conditions for safe storage, including</li> <li>Storage conditions</li> </ul>	<ul> <li>smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust.</li> <li>Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling.</li> <li>ng any incompatibilities</li> <li>Keep only in the original container in a cool, well ventilated place away from : Direct sunlight., incompatible materials. Keep container closed when not in use.</li> </ul>		

No additional information available

### **SECTION 8: Exposure controls/personal protection**

8.1. Control parameters		
Mercuric Thiocyanate (592-8	5-8)	
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> as Hg; Skin
USA OSHA	OSHA PEL (TWA) (mg/m³)	0.1 mg/m <sup>3</sup>

8.2. Exposure controls	
Appropriate engineering controls	: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation. Material should be handled in a laboratory hood whenever possible.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Wear appropriate mask.
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties		
9.1. Information on basic	physical and chemical properties	
Physical state	: Solid	
Appearance	: Powder.	
Molecular mass	: 316.75 g/mol	
Colour	: White to light yellow	
Odour	: None.	

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

according to Federal Register / Vol. 77, No. 58 / Monda	ay, March 26, 2012 / Rules and Regulations
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 165 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: 165 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 3.71 g/cm <sup>3</sup>
Solubility	: Soluble in water. Soluble in methanol. Soluble in ammonia. Soluble in hydrogenchloride. Water: 0.7 g/l
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	
<b>SECTION 10: Stability and reactivit</b>	v
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reactions	
Contact with acids liberates very toxic gas.	
10.4. Conditions to avoid	
Direct sunlight. Extremely high or low temperate	tures.
10.5. Incompatible materials	
Strong acids. Strong bases.	
10.6. Hazardous decomposition produc	ts
Hydrogen cyanide. mercury.	
SECTION 11: Toxicological information	ation
11.1. Information on toxicological effect	

11.1.

Acute toxicity

: Fatal if swallowed. Toxic in contact with skin. Fatal if inhaled.

Mercuric Thiocyanate ( \f )592-85-8		
LD50 oral rat	46 mg/kg	
LD50 dermal rat	685 mg/kg	
ATE US (oral)	46 mg/kg bodyweight	
ATE US (dermal)	685 mg/kg bodyweight	
ATE US (gases)	100 ppmv/4h	
ATE US (vapours)	0.5 mg/l/4h	
ATE US (dust,mist)	0.05 mg/l/4h	

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: May cause damage to organs (nervous system) through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met. Toxic in contact with skin. Fatal if swallowed.
Symptoms/injuries after skin contact	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.
Symptoms/injuries after ingestion	: Fatal if swallowed.

SECTION 12: Ecological information			
12.1. Toxicity			
Ecology - general	: Dangerous for the environment.		
Ecology - water	: Very toxic to aquatic life with long lasting effects.		

12.2. Persistence and degradability				
Mercuric Thiocyanate (592-85-8)				
Persistence and degradability	May cause long-term adverse effects in the environment.			
12.3. Bioaccumulative potential				
Mercuric Thiocyanate (592-85-8)				
Bioaccumulative potential	Bioaccumable.			
12.4. Mobility in soil				
Mercuric Thiocyanate (592-85-8)				
Ecology - soil	Toxic to flora.			
12.5. Other adverse effects				
Effect on ozone layer	: No additional information available			
Other information	: Avoid release to the environment.			
SECTION 13: Disposal considerations				
13.1. Waste treatment methods				
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state and federal regulations.			
Ecology - waste materials	: Hazardous waste due to toxicity. Avoid release to the environment.			
SECTION 14: Transport information				
In accordance with DOT				
Transport document description	: UN1646 Mercury thiocyanate, 6.1, II			
UN-No.(DOT)	: 1646			
DOT NA no.	: UN1646			
DOT Proper Shipping Name	: Mercury thiocyanate			
Department of Transportation (DOT) Hazard	: 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132			

Classes

## Mercuric Thiocyanate Safety Data Sheet

March 26, 2012 / Pulc .................

Packing group (DOT)       : II - Medium Danger         DDT Special Provisions (49 CFR 172.02)       : IB - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plating the distance of the standard state in the s	DOT Special Provisions (49 CFR 172.102)       : IBB - Authorized IBCs: Metal (11A, 11B, 11A, 21A, 21B, 21N, 31A, 31B z (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11H21, 11H22, and 31H22); Fiberboard (11G); Wooden (11C, 11D and 11F); Fibexibe (1 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13MH or 13M2).         IP2 - When IBCs other than metal or rigid plastics IBCs are used, they m transportation in a closed freight container or a closed transport vehicle. IP4 - Fiexible, fiberboard or wooden IBCs must be sith-proof and water- a sift-proof and water-resistant liner. T3 - 2.65 178.274(0)(2) Normal	
DOT Special Provisions (49 CFR 172.102)       IB 8 - Authorized IBCs: Metal (11A, 11B, 11N, 21B, 21B, 21A, 31B and 31N); Rigid pile (11H1, 11H2, 21H, 11H2, 21H2, 11H2, 11	DOT Special Provisions (49 CFR 172.102)       IBB - Authorized IBCs: Metal (11A, 11B, 11A, 21A, 21B, 21B, 31A, 31B, 21G, 11B, 21H2, 31H1 and 31H2); Composite (11H21, 11H22, and 31H22); Fiberboard (11G); Wooden (11C, 11D and 11F); Fibexibe (1 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13MH or 13M2).         IR2 - When IBCs other than metal or rigid plastics IBCs are used, they m transportation in a closed freight container or a closed transport vehicle.         IR3 - Fibexibe, fiberboard or wooden IBCs must be sith-proof and water-resistant liner.         T3 - 2.65 178.274(0)(2) Normal	
DOT Special Provisions (49 CFR 172.102)       IB 8 - Authorized IBCs: Metal (11A, 11B, 11N, 21B, 21B, 21B, 31B, and 31N); Rigid pil (11H1, 11H2, 21H, 11H2, 21H2, 11H2, 11	DOT Special Provisions (49 CFR 172.102)       IB8 - Authorized IBCs: Metal (11A, 11B, 11A, 12A, 21B, 21B, 21A, 31A, 31B z (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11H21, 11H22, and 31H22); Fiberboard (11G); Wooden (11C, 11D and 11F); Fibexibe (1 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).         IP2 - When IBCs other than metal or rigid plastics IBCs are used, they m transportation in a closed freight container or a closed transport vehicle. IP4 - Flexible, fiberboard or wooden IBCs must be sith-proof and water-resistant liner. T3 - 2.65 178.274(0)(2) Normal	
DOT Packaging Non Bulk (49 CFR 173.xxx) : 212 DOT Packaging Bulk (49 CFR 173.xxx) : 242 DOT Quantity Limitations Passenger aircraft/rail : 25 kg (49 CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49 : 100 kg CFR 175.75) DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel. Additional information Other information : No supplementary information available. ADR Transport document description : Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information	DOT Packaging Non Bulk (49 CFR 173.xxx) : 212 DOT Packaging Bulk (49 CFR 173.xxx) : 242 DOT Quantity Limitations Passenger aircraft/rail : 25 kg (49 CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49 : 100 kg CFR 175.75) DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo very passenger vessel. Additional information Other information : No supplementary information available. ADR Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations Mercuric Thiocyanate (592-85-8)	2, 21HZ1, 21HZ2, 31HZ1 (13H1, 13H2, 13H3, must be offered for s. resistant or be fitted with s for granular and eratures above their substances transported or ortation in portable tanks ostances of packing group re stringent requirements essure-relief devices or uction and special e tank special provision
DOT Packaging Non Bulk (49 CFR 173.xxx)       : 212         DOT Packaging Bulk (49 CFR 173.xxx)       : 242         DOT Quantity Limitations Passenger aircraft/rail       : 25 kg         (49 CFR 173.27)       : 100 kg         DOT Quantity Limitations Cargo aircraft only (49)       : 100 kg         CFR 175.75)       : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.         Additional information       : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.         Additional information       : No supplementary information available.         ADR       : Transport by sea         No additional information available       : Transport         Air transport       No additional information available         SECTION 15: Regulatory information       :	DOT Packaging Non Bulk (49 CFR 173.xxx)       : 212         DOT Packaging Bulk (49 CFR 173.xxx)       : 242         DOT Quantity Limitations Passenger aircraft/rail       : 25 kg         (49 CFR 173.27)       : 100 kg         DOT Quantity Limitations Cargo aircraft only (49)       : 100 kg         CFR 175.75)       : A - The material may be stowed "on deck" or "under deck" on a cargo very passenger vessel.         Additional information       : No supplementary information available.         Other information       : No supplementary information available.         ADR       : Transport by sea         No additional information available       : Transport         No additional information available       : SECTION 15: Regulatory information         15.1. US Federal regulations       : Mercuric Thiocyanate (592-85-8)	
DOT Packaging Bulk (49 CFR 173.xx)       : 242         DOT Quantity Limitations Passenger aircraft/rail       : 25 kg         (49 CFR 173.27)       :         DOT Quantity Limitations Cargo aircraft only (49)       : 100 kg         CFR 175.75)       :         DOT Vessel Stowage Location       : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.         Additional information       :         Dther information       : No supplementary information available.         ADR       :         Transport document description       : :         Transport by sea       :         No additional information available       :         Air transport       No additional information available         SECTION 15: Regulatory information       :	DOT Packaging Bulk (49 CFR 173.xx)       : 242         DOT Quantity Limitations Passenger aircraft/rail       : 25 kg         (49 CFR 173.27)       : 100 kg         DOT Quantity Limitations Cargo aircraft only (49 : 100 kg       : A - The material may be stowed "on deck" or "under deck" on a cargo very passenger vessel.         Additional information       : A - The material may be stowed "on deck" or "under deck" on a cargo very passenger vessel.         Additional information       : No supplementary information available.         ADR       : Imasport document description         Transport by sea       : No additional information available         Air transport       No additional information available         SECTION 15: Regulatory information       : Image: Section state	
DOT Quantity Limitations Passenger aircraft/rail : 25 kg   (49 CFR 173.27) : 100 kg   DOT Quantity Limitations Cargo aircraft only (49) : 100 kg   CFR 175.75) : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.   Additional information : No supplementary information available.   Other information : No supplementary information available.   ADR : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.   Additional information : No supplementary information available.   ATransport by sea : No additional information available   No additional information available : SECTION 15: Regulatory information	DOT Quantity Limitations Passenger aircraft/rail       : 25 kg         (49 CFR 173.27)       DOT Quantity Limitations Cargo aircraft only (49)       : 100 kg         DCT Vessel Stowage Location       : A - The material may be stowed "on deck" or "under deck" on a cargo ver passenger vessel.         Additional information       :       No supplementary information available.         ADR       :       :         Transport document description       :       :         Transport by sea       :       :         No additional information available       :       :         SECTION 15: Regulatory information       :       :         15.1. US Federal regulations       :       :         Mercuric Thiocyanate (592-85-8)       :       :	
CFR 175.75)       Image: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.         Additional information       Image: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.         Additional information       Image: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.         Additional information       Image: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.         ADR       Image: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.         ADR       Image: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.         ADR       Image:	CFR 175.75)       Image: A - The material may be stowed "on deck" or "under deck" on a cargo very passenger vessel.         Additional information       Image: A - The material may be stowed "on deck" or "under deck" on a cargo very passenger vessel.         Additional information       Image: No supplementary information available.         ADR       Image: No supplementary information available.         ADR       Image:	
Additional information	Additional information Other information Other information  ADR Transport document description Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations Mercuric Thiocyanate (592-85-8)	
Other information       : No supplementary information available.         ADR       :         Transport document description       :         Transport by sea       :         No additional information available       :         Air transport       :         No additional information available       :         SECTION 15: Regulatory information       :	Other information       : No supplementary information available.         ADR       .         Transport document description       :         Transport by sea       .         No additional information available       .         Air transport       .         No additional information available       .         SECTION 15: Regulatory information       .         15.1. US Federal regulations       .         Mercuric Thiocyanate (592-85-8)       .	vessel and on a
ADR Transport document description : Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information	ADR Transport document description : Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations Mercuric Thiocyanate (592-85-8)	
Transport document description : Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information	Transport document description : Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations Mercuric Thiocyanate (592-85-8)	
Transport document description : Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information	Transport document description :   Transport by sea   No additional information available   Air transport   No additional information available   SECTION 15: Regulatory information   15.1. US Federal regulations   Mercuric Thiocyanate (592-85-8)	
Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information	Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations Mercuric Thiocyanate (592-85-8)	
No additional information available Air transport No additional information available SECTION 15: Regulatory information	No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations Mercuric Thiocyanate (592-85-8)	
No additional information available SECTION 15: Regulatory information	No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations Mercuric Thiocyanate (592-85-8)	
No additional information available SECTION 15: Regulatory information	No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations Mercuric Thiocyanate (592-85-8)	
	15.1. US Federal regulations Mercuric Thiocyanate (592-85-8)	
15.1. US Federal regulations	Mercuric Thiocyanate (592-85-8)	
Mercuric Thiocyanate (592-85-8)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313		
RQ (Reportable quantity, section 304 of EPA's List of Lists) : 10 lb		
SARA Section 311/312 Hazard Classes Immediate (acute) health hazard Delayed (chronic) health hazard		

### CANADA

Mercuric Thiocyanate (592-85-8)

Listed on the Canadian DSL (Domestic Sustances List)

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Mercuric Thiocyanate (592-85-8)	
WHMIS Classification	Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects

### **EU-Regulations**

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

### Classification according to Directive 67/548/EEC or 1999/45/EC

### Not classified

### 15.2.2. National regulations

Mercuric Thiocyanate (592-85-8)

Listed on the Canadian IDL (Ingredient Disclosure List)

15.3. US State regulations	
Mercuric Thiocyanate(592-85-8)	
U.S California - Proposition 65 - Developmental	Yes
Toxicity	

### SECTION 16: Other information

Other information

: None.

:

Full text of H-phrases: see section 16:

Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 2 (Oral)	Acute toxicity (oral), Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H300	Fatal if swallowed
H311	Toxic in contact with skin
H330	Fatal if inhaled
H373	May cause damage to organs through prolonged or repeated
	exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

NFPA health hazard

NFPA fire hazard

NFPA reactivity

: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.

: 0 - Materials that will not burn.

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

# ons,

0

### HMIS III Rating

Health	: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given
Flammability	: 0 Minimal Hazard
Physical	: 0 Minimal Hazard
Personal Protection	: F

SDS US (GHS HazCom 2012)

Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and LabChem Inc assumes no liability resulting from the use of this SDS. The user must determine suitability of this information for his application.