

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 01/22/2014 Revision date: 01/29/2015

Supersedes: 01/22/2014

Version: 1.1

SECTION 1: Identification of the sub	ostance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Product name	: Sodium Diethyldithiocarbamate, 0.1% w/v
Product code	: LC23720
1.2. Relevant identified uses of the subs	stance 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 Zelienople, PA 16063 - USA T 412-826-5230 - F 724-473-0647 info@labchem.com - www.labchem.com), 1010 Jackson's Pointe Court
1.4. Emergency telephone number	
Emergency number	: CHEMTREC: 1-800-424-9300 or 011-703-527-3887
SECTION 2: Hazards identification	
2.1. Classification of the substance or n	nixture
Classification (GHS-US)	
Skin Sens. 1 H317	
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labeling Hazard pictograms (GHS-US)	
	GHS07
Signal word (GHS-US)	: Warning
Hazard statements (GHS-US)	: H317 - May cause an allergic skin reaction
Precautionary statements (GHS-US)	 P261 - Avoid breathing mist, vapors, spray P272 - Contaminated work clothing must not be allowed out of the workplace P280 - Wear protective gloves, eye protection P302+P352 - IF ON SKIN: Wash with plenty of soap and water P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P501 - Dispose of contents/container to comply with local, state and federal regulations
2.3. Other hazards	
Other hazards not contributing to the classification	: None under normal conditions.
2.4. Unknown acute toxicity (GHS-US)	
Not applicable	
SECTION 3: Composition/informatic	on on ingredients
3.1. Substance	
Not applicable	

3.2. **Mixture**

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Name	Product identifier	%	Classification (GHS-US)
Water	(CAS No) 7732-18-5	99.9	Not classified
Sodium Diethyldithiocarbamate, Trihydrate	(CAS No) 20624-25-3	0.1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Acute 1, H400

Full text of H-phrases: see section 16

SECTION 4: First aid measures 4.1. Description of first aid measures First aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (slow the label where possible). First-aid measures after inhalation :: Allow vicits to breather feest air. Allows the vicits in to rest. First-aid measures after skin contact :: Remove affected dorbing and wash all exposed skin area with mild scap and water, followed by warm water mines. Wesh with plenty of scap and water. If skin initiation or ratio scaps and vice attention. First-aid measures after eye contact :: Rine inmediately with plenty of water. Obtain medical attention. 4.3. Indication of any immediate medical attention and special treatment needed No attriporting treating information and special treatment needed No attriporting treatment needed No attriporting treating from the substance or mixture No additional information available Section 5: Firefighting media : Feam. Dry powder. Carbon doxide. Water spray. Sand. Unsultable extinguishing media : Do not use a heavy water stream. 5.4. Settinguishing media : Do not use a heavy water stream. 5.3. Advice for firefighting :: Do not use a heavy water stream. 5.4. Settinguishing media : Do not use a heavy water stream. 5.3.	i un text of ri-prilases. See Section 10	
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Hygier	ne measures	: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
7.2.	Conditions for safe storage, includ	ng any incompatibilities
Storag	e conditions	: Keep container closed when not in use.
Incom	patible products	: Strong oxidizers.
Incom	patible materials	: Sources of ignition. Direct sunlight.
7.3.	Specific end use(s)	

No additional information available

SECTION 8: Exposure controls/personal protection 8.1. **Control parameters** Sodium Diethyldithiocarbamate, 0.1% w/v ACGIH Not applicable OSHA Not applicable Sodium Diethyldithiocarbamate, Trihydrate (20624-25-3) ACGIH Not applicable OSHA Not applicable Water (7732-18-5) ACGIH Not applicable OSHA Not applicable

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.
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: Ph	ysical and chemic	cal properties
	y shour and one min	

9.1. Information on basic physical a	nd chemical properties
Physical state	: Liquid
Color	: Colorless
Odor	: None.
Odor threshold	: No data available
рН	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1 g/ml

Sodium Diethyldithiocarbamate, 0.1% w/v Safety Data Sheet

Solubility	 Soluble in water. Water: Solubility in water of component(s) of the mixture : Sodium Diethyldithiocarbamate, Trihydrate:
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
Oxidizing properties	: No data available
Explosive limits	: No data available
9.2. Other information	ion
No additional information	available
SECTION 10: Stab	ity and reactivity
10.1. Reactivity	
No additional information	available
10.2. Chemical sta	lity
Stable under normal cor	
10.3. Possibility of	azardous reactions
Not established.	
10.4. Conditions to	avoid
Direct sunlight. Extreme	high or low temperatures.
10.5. Incompatible	naterials
Strong oxidizers.	
10.6. Hazardous de	composition products
Nitrogen oxides. Carbor	nonoxide. Carbon dioxide. Sulfur compounds.
SECTION 11: Toxi	ological information
	toxicological effects
Acute toxicity	: Not classified

Sodium Diethyldithiocarbamate, Trihydrate (20624-25-3)		
1500 mg/kg (Rat)		
1500.000 mg/kg body weight		
≥ 90000 mg/kg		
90000.000 mg/kg body weight		
: Not classified		
: Not classified		
: May cause an allergic skin reaction.		
: Not classified		
: Not classified		
20624-25-3)		
3 - Not classifiable		
: Not classified		
: Based on available data, the classification criteria are not met.		

Symptoms/injuries after inhalation	: May cause an allergic skin reaction.
SECTION 12: Ecological informa	ation
12.1. Toxicity	
Sodium Diothyldithiocorhomoto, Triby	drate (20624 25 2)
Sodium Diethyldithiocarbamate, Trihy LC50 fish 1	6.9 mg/kg (96 h; Poecilia reticulata)
Threshold limit algae 1	1.4 mg/l (96 h; Chlorella sp.)
12.2. Persistence and degradability	
Sodium Diethyldithiocarbamate, 0.1% Persistence and degradability	Not established.
Sodium Diethyldithiocarbamate, Trihye Persistence and degradability	drate (20624-25-3) Biodegradability in water: no data available.
Water (7732-18-5) Persistence and degradability	Not established.
• •	Not established.
12.3. Bioaccumulative potential	
Sodium Diethyldithiocarbamate, 0.1%	
Bioaccumulative potential	Not established.
Sodium Diethyldithiocarbamate, Trihy	
Bioaccumulative potential	No bioaccumulation data available.
Water (7732-18-5)	
Bioaccumulative potential	Not established.
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Effect on ozone layer	
Effect on the global warming	: No known ecological damage caused by this product.
Other information	: Avoid release to the environment.
SECTION 13: Disposal consider	ations
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

SECTION 14: Transport information

Ecology - waste materials

In accordance with DOT	
Not regulated for transport	
Additional information	
Other information	: No supplementary information available.

: Avoid release to the environment.

contents/container to comply with local, state and federal regulations.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

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SECTION 15: Regulatory information	
	l
15.1. US Federal regulations	
Sodium Diethyldithiocarbamate, Trihydrate	(20624-25-3)
Listed on the United States TSCA (Toxic Subst	ances Control Act) inventory
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
Water (7732-18-5)	
Listed on the United States TSCA (Toxic Subst	ances Control Act) inventory
15.0. International regulations	
15.2. International regulations	
Sodium Diethyldithiocarbamate, 0.1% w/v	
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Sodium Diethyldithiocarbamate, Trihydrate	(20624-25-3)
Listed on the Canadian DSL (Domestic Sustan	ces List)
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects
Water (7732-18-5)	
Listed on the Canadian DSL (Domestic Sustan	ces List)
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
EU-Regulations No additional information available	
Classification according to Regulation (EC) N	lo. 1272/2008 [CLP]
Classification according to Directive 67/548/E	EC [DSD] or 1999/45/EC [DPD]
Not classified	
15.2.2. National regulations	
Sodium Diethyldithiocarbamate, Trihydrate	(20624-25-3)
Not listed on the Canadian IDL (Ingredient Disc	· ·
Not listed on the Ganadian IDE (lingredient Dise	
Water (7732-18-5)	

SECTION 16: Other information

Revision date	:	01/29/2015
Other information	:	None.

Full text of H-phrases: see section 16:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Skin Sens. 1	Skin sensitization Category 1
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life

NFPA health hazard	 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. 	
NFPA fire hazard	: 0 - Materials that will not burn.	
NFPA reactivity	 0 - Normally stable, even under fire exposure conditions, and are not reactive with water. 	

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HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 0 Minimal Hazard
Physical	: 0 Minimal Hazard
Personal Protection	: B

SDS US (GHS HazCom 2012)

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