

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Date of Issue: 11/07/2024

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Name: DCP/SCP Anchor

1.2. Intended Use of the Product

Retaining Wall and erosion control systems

1.3. Name, Address, and Telephone of the Responsible Party

Company

Nucor LMP Steel, Inc. 2000 East First Street Maryville, MO 64468 USA

1-660-582-3127

1.4. Emergency Telephone Number

Emergency Number: For Chemical Emergency Call CHEMTREC day or night

Within USA and Canada: 1.800.424.9300

Outside USA and Canada: 1.703.527.3887 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Not classified.

2.2. Label Elements

GHS-US/CA Labeling

No labeling applicable according to 29 CFR 1910.1200 and the Hazardous Products Regulations (HPR) SOR/2015-17.

2.3. Other Hazards

This product is physiologically inert in its massive form. However, user-generated dust and/or fumes may pose a physiological hazard if inhaled or ingested. Avoid inhalation of metal dusts and fumes. May cause an influenza-like illness. Avoid skin and eye contact with dusts to prevent mechanical irritation. User-generated dust is easily ignited and difficult to extinguish.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Manganese	Manganese, elemental Manganese metal manganese	(CAS-No.) 7439-96-5	0.2 - 2	Not classified
Chromium	Chromium metal Chromium, elemental Chromium, metal Chromium, metallic Chrome, metal Chrome	(CAS-No.) 7440-47-3	0.01 - 1	Not classified
Polyvinyl chloride	Vinyl chloride homopolymer Vinyl chloride polymer Vinyl chloride resin Chloroethylene, polymer Polyetenyl chloride Polyethylene chloride Polyethenyl chloride	(CAS-No.) 9002-86-2	< 0.1	Not classified

11/07/2024 EN (English US) 1/9



Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Polyvinyl chloride resin		
Chloroethene, polymer		
Polymer of chloroethene		
Polymer mainly composed of		
vinyl chloride		
Polymers containing		
polymerized vinylchloride		
Polyvinylchloride resins		
POLYVINYL CHLORIDE		
PVC		
Ethylene, chloro-, polymer		
Ethene, chloro-,		
homopolymer		
Chloroethylene polymer		

^{*}Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Using proper respiratory protection, immediately move the exposed person to fresh air. Encourage exposed person to cough, spit out, and blow nose to remove dust. Obtain medical attention if breathing difficulty persists.

Skin Contact: Cool skin rapidly with cold water after contact with molten product. Removal of solidified molten material from skin requires medical assistance. Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Removal of solidified molten material from the eyes requires medical assistance. Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: Inhalation of dusts and fumes can cause metal fume fever. Symptoms can include a metallic or sweet taste in the mouth, sweating, shivering, headache, throat irritation, fever, chills, thirstiness, muscle aches, nausea, vomiting, weakness, fatigue, and shortness of breath.

Skin Contact: Contact with fumes or metal powder will irritate skin. Contact with hot, molten metal will cause thermal burns. **Eye Contact:** During metal processing, dusts caused from physical alteration will likely cause eye irritation. Fumes from thermal decomposition or molten material will likely be irritating to the eyes. Risk of thermal burns on contact with molten product. **Ingestion:** Ingestion may cause adverse effects.

Chronic Symptoms: Overexposure to metal fumes may result metal fume fever (chills, muscle aches, nausea, fever, dry throat, cough, weakness, lassitude), disturbances in smell and/or taste, and possible discloration of skin, hair and mucous membranes; discoloration may become permanent.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: For metal fires, dry sand, graphite, or dry table salt may be used. Use class D extinguishing media on fines, dust, or molten metal. Use water spray on chips and fines.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire. Do not use halogenated extinguishing agents on small chips or fines. Do not use water when molten material is involved, contact of hot product with water will result in a violent expansion as the water turns to steam causing explosion with massive force.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures. Small chips, turnings, dust and fines from processing may be readily ignitable. Molten material may react violently with water forming explosive or flammable reactions.

11/07/2024 EN (English US) 2/9



Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Explosion Hazard: Product is not explosive. Molten material may react violently with water forming explosive or flammable reactions.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Metal oxides.

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust, fumes.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release of dust/fines to waterways to avoid potential bioaccumulation.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Recycle or dispose of in compliance with current legislation.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations. May be a potential hazard under the following conditions: Small chunks, dust or fines in contact with water can generate flammable or toxic gases. These gases could present an explosion hazard in confined or poorly ventilated spaces. Finely divided metals (e.g, powders or wire) may have enough surface oxide to produce thermite reactions/explosions. If suspected of containing moisture, product should be thoroughly dried before being added to a molten bath. Otherwise, entrained moisture could expand explosively and spatter molten metal out of the bath. Risk of thermal burns on contact with molten product.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust, fume.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Mineral acids. Water. Corrosive substances in contact with metals may produce flammable hydrogen gas.

7.3. Specific End Use(s)

Retaining Wall and erosion control systems

11/07/2024 EN (English US) 3/9





Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

governments.			
Chromium (7440-47-3)	I		
USA ACGIH	ACGIH OEL TWA	0.5 mg/m³ (inhalable particulate matter)	
USA ACGIH	BEI (BLV)	0.7 µg/l Parameter: total Chromium - Medium: urine -	
		Sampling time: end of shift at end of workweek	
LICA OCUA	OCIJA DEL TIMA	(population based)	
USA NIGSU	OSHA PEL (TMA)	1 mg/m³	
USA NIOSH	NIOSH REL (TWA)	0.5 mg/m³	
USA IDLH	IDLH	250 mg/m³	
Alberta	OEL TWA	0.5 mg/m ³	
British Columbia	OEL TWA	0.5 mg/m³ (total)	
Manitoba	OEL TWA	0.5 mg/m³ (inhalable particulate matter)	
New Brunswick	OEL TWA	0.5 mg/m ³	
Newfoundland & Labrador	OEL TWA	0.5 mg/m³ (inhalable particulate matter)	
Nova Scotia	OEL TWA	0.5 mg/m³ (inhalable particulate matter)	
Nunavut	OEL STEL	1.5 mg/m³ (metal)	
Nunavut	OEL TWA	0.5 mg/m³ (metal)	
Northwest Territories	OEL STEL	1.5 mg/m³ (metal)	
Northwest Territories	OEL TWA	0.5 mg/m³ (metal)	
Ontario	OEL TWAEV	0.5 mg/m ³	
Prince Edward Island	OEL TWA	0.5 mg/m³ (inhalable particulate matter)	
Québec	VEMP (OEL TWAEV)	0.5 mg/m ³	
Saskatchewan	OEL STEL	1.5 mg/m ³	
Saskatchewan	OEL TWA	0.5 mg/m ³	
Yukon	OEL STEL	3 mg/m³	
Yukon	OEL TWA	0.1 mg/m ³	
Manganese (7439-96-5)			
USA ACGIH	ACGIH OEL TWA	0.02 mg/m³ (respirable particulate matter)	
		0.1 mg/m³ (inhalable particulate matter)	
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen	
USA OSHA	OSHA PEL (Ceiling)	5 mg/m³ (fume)	
USA NIOSH	NIOSH REL (TWA)	1 mg/m³ (fume)	
USA NIOSH	NIOSH REL (STEL)	3 mg/m ³	
USA IDLH	IDLH	500 mg/m ³	
Alberta	OEL TWA	0.2 mg/m³	
British Columbia	OEL TWA	0.2 mg/m³ (total)	
		0.02 mg/m³ (respirable)	
Manitoba	OEL TWA	0.02 mg/m³ (respirable particulate matter)	
		0.1 mg/m³ (inhalable particulate matter)	
New Brunswick	OEL TWA	0.02 mg/m³ (respirable fraction)	
		0.1 mg/m³ (inhalable fraction)	
Newfoundland & Labrador	OEL TWA	0.02 mg/m³ (respirable particulate matter)	
		0.1 mg/m³ (inhalable particulate matter)	
Nova Scotia	OEL TWA	0.02 mg/m³ (respirable particulate matter)	
		0.1 mg/m³ (inhalable particulate matter)	
Nunavut	OEL STEL	0.6 mg/m ³	

11/07/2024 EN (English US) 4/9



Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Nunavut	OEL TWA	0.2 mg/m ³	
Northwest Territories	OEL STEL	0.6 mg/m³	
Northwest Territories	OEL TWA	0.2 mg/m ³	
Ontario	OEL TWAEV	0.2 mg/m ³	
Prince Edward Island	OEL TWA	0.02 mg/m³ (respirable particulate matter)	
		0.1 mg/m³ (inhalable particulate matter)	
Québec	VEMP (OEL TWAEV)	0.2 mg/m³ (total dust and fume)	
Saskatchewan	OEL STEL	0.6 mg/m ³	
Saskatchewan	OEL TWA	0.2 mg/m³	
Yukon	OEL C	5 mg/m³	
Polyvinyl chloride (9002-86-	Polyvinyl chloride (9002-86-2)		
USA ACGIH	ACGIH OEL TWA	1 mg/m³ (respirable particulate matter)	
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen	
British Columbia	OEL TWA	1 mg/m³ (respirable)	
Manitoba	OEL TWA	1 mg/m³ (respirable particulate matter)	
New Brunswick	OEL TWA	1 mg/m³ (respirable fraction)	
Newfoundland & Labrador	OEL TWA	1 mg/m³ (respirable particulate matter)	
Nova Scotia	OEL TWA	1 mg/m³ (respirable particulate matter)	
Ontario	OEL TWAEV	1 mg/m³ (respirable particulate matter)	
Prince Edward Island	OEL TWA	1 mg/m³ (respirable particulate matter)	

8.2. Exposure Controls

Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.







Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves. When needed, wear protective gloves to protect against thermal and/or mechanical hazards.

Eve and Face Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State Solid White and black **Appearance** Odor No data available **Odor Threshold** No data available рН No data available **Evaporation Rate** No data available **Melting Point** 2800 °F (1537.78 °C) **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

11/07/2024 EN (English US) 5/9



Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Flammability (solid, gas) No data available **Lower Flammable Limit** No data available **Upper Flammable Limit** No data available **Vapor Pressure** No data available Relative Vapor Density at 20°C No data available **Relative Density** No data available **Specific Gravity** No data available Solubility No data available **Partition Coefficient: N-Octanol/Water** No data available Viscosity No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability:

Stable under recommended handling and storage conditions (see section 7). Metallic dusts may ignite or explode.

10.3. Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials. Avoid creating or spreading dust. Dust, chips, or ribbons can be ignited more easily, by an ignition source, by improper machining, or by spontaneous combustion if finely divided and damp.

10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers. Mineral acids. Water. Corrosive substances in contact with metals may produce flammable hydrogen gas.

10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Metal oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified.
Acute Toxicity (Dermal): Not classified.
Acute Toxicity (Inhalation): Not classified.

LD50 and LC50 Data:

No additional information available **Skin Corrosion/Irritation:** Not classified. **Eye Damage/Irritation:** Not classified.

Respiratory or Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified. (All compounds classified as STOT-RE (Manganese) in this product act primarily through inhalation. However, because these compounds are not respirable and are bound within the product, the product itself is not classified.)

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: Inhalation of dusts and fumes can cause metal fume fever. Symptoms can include a metallic or sweet taste in the mouth, sweating, shivering, headache, throat irritation, fever, chills, thirstiness, muscle aches, nausea, vomiting, weakness, fatigue, and shortness of breath.

Symptoms/Injuries After Skin Contact: Contact with fumes or metal powder will irritate skin. Contact with hot, molten metal will cause thermal burns.

11/07/2024 EN (English US) 6/9



Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Symptoms/Injuries After Eye Contact: During metal processing, dusts caused from physical alteration will likely cause eye irritation. Fumes from thermal decomposition or molten material will likely be irritating to the eyes. Risk of thermal burns on contact with molten product.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: Overexposure to metal fumes may result metal fume fever (chills, muscle aches, nausea, fever, dry throat, cough, weakness, lassitude), disturbances in smell and/or taste, and possible discloration of skin, hair and mucous membranes; discoloration may become permanent.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

LD30 and LC30 Data.		
Chromium (7440-47-3)		
LD50 Oral Rat	> 5000 mg/kg	
LC50 Inhalation Rat	> 5.41 mg/l/4h	
Manganese (7439-96-5)		
LD50 Oral Rat	> 2000 mg/kg	
LC50 Inhalation Rat	> 5.14 mg/l/4h	
Chromium (7440-47-3)		
IARC Group	3	
Polyvinyl chloride (9002-86-2)		
IARC Group	3	

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

Manganese (7439-96-5)	
LC50 Fish 1	> 3.6 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA)
NOEC Chronic Fish	3.6 mg/l (Exposure time: 96h; Species: Oncorhynchus mykiss)

12.2. Persistence and Degradability

DCP/SCP Anchor	
Persistence and Degradability	Not established. Inorganic product which cannot be eliminated from water by biological
	purification processes.

12.3. Bioaccumulative Potential

DCP/SCP Anchor	
Bioaccumulative Potential	Not established.

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Recover or recycle if possible.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

11/07/2024 EN (English US) 7/9



Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

14.1. In Accordance with DOT

Not regulated for transport

14.2. In Accordance with IMDG

Not regulated for transport

14.3. In Accordance with IATA

Not regulated for transport

14.4. In Accordance with TDG

Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Chromium (7440-47-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active		
Subject to reporting requirements of United States SARA	A Section 313	
CERCLA RQ	5000 lb no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is >100 µm	
SARA Section 313 - Emission Reporting	1 %	
Manganese (7439-96-5)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active		
Subject to reporting requirements of United States SARA Section 313		
SARA Section 313 - Emission Reporting 1 %		
Polyvinyl chloride (9002-86-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active		
EPA TSCA Regulatory Flag XU - XU - indicates a substance exempt from reporting under the		
	Chemical Data Reporting Rule, (40 CFR 711).	

15.2. US State Regulations

Chromium (7440-47-3)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) Special Hazardous Substances
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

Manganese (7439-96-5)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

Polyvinyl chloride (9002-86-2)

U.S. - New Jersey - Right to Know Hazardous Substance List

15.3. Canadian Regulations

13.3. Canadian Regulations	
Chromium (7440-47-3)	
Listed on the Canadian DSL (Domestic Substances List)	
Manganese (7439-96-5)	
Listed on the Canadian DSL (Domestic Substances List)	
Polyvinyl chloride (9002-86-2)	
Listed on the Canadian DSL (Domestic Substances List)	

11/07/2024 EN (English US) 8/9



Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest

Revision

Other Information

: 11/07/2024

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products

Regulations (HPR) SOR/2015-17.

Glossary of Data Source Abbreviations

ATSDR: Agency for Toxic Substances and Disease Registry (U.S. Department of

Health and Human Services) AU WES: Australia WES

CHEMVIEW: ChemView (U.S. Environmental Protection Agency) EC_RAR: European Commission Renewal Assessment Report

EC_SCOEL: European Commission Scientific Committee on Occupational

Exposure Limits

ECETOC: European Centre for Ecotoxicology and Toxicology of Chemicals

Reports

ECHA_API: European Chemicals Agency API ECHA_RAC: ECHA Committee for Risk Assessment

EFSA: European Food Safety Authority EPA: U.S. Environmental Protection Agency

 ${\sf EPA_AEGL:}\ \ {\sf Acute}\ \ {\sf Exposure}\ \ {\sf Guideline}\ \ {\sf Levels}\ \ ({\sf U.S.}\ \ {\sf Environmental}\ \ {\sf Protection}$

Agency)

 ${\sf EPA_FIFRA:}\ \ {\sf Federal\ Insecticide,\ Fungicide,\ and\ Rodenticide\ Act\ Reregistration}$

Eligibility Decision (U.S. Environmental Protection Agency)

 ${\sf EPA_HPV:\ High\ Production\ Volume\ Chemicals\ (U.S.\ Environmental\ Protection}$

Agency)

EPA_TRED: Risk Assessment for Tolerance Reassessment Eligibility Decision

(U.S. Environmental Protection Agency)

EU_CLH: European Union Harmonised Classification and Labelling Proposal

EU_RAR: European Union Risk Assessment Report

FOOD_JOURN: Food Research Journal (1956)

IARC: The International Agency for Research on Cancer

IDLH: National Institute for Occupational Health and Safety Immediately

Dangerous to Life or Health Value Profiles

IUCLID: International Uniform Chemical Information Database

JAPAN_GHS: Japan GHS Basis for Classification Data

JP J-CHECK: Japan J-Check

KR_NIER: South Korea National Institute of Environmental Research

Evaluations

NICNAS: Australia National Industrial Chemicals Notification and Assessment

Scheme

NIOSH: National Institute for Occupational Health and Safety (U.S. Department

of Health and Human Services)

NLM_CIP: National Library of Medicine ChemID plus database

NLM_HSDB: National Library of Medicine Hazardous Substance Data Bank

NLM PUBMED: National Library of Medicine PubMed database

NTP: National Toxicology Program

NZ_CCID: New Zealand Chemical Classification and Information Database

OECD_EHSP: Environment, Health, and Safety Publication (Organisation for

Economic Co-operation and Development)

OECD_SIDS: Screening Information Data Sets (Organisation for Economic Co-

operation and Development)
WHO: World Health Organization

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as quaranteeing any specific property of the product.

NA GHS SDS 2015 (Can, US)

11/07/2024 EN (English US) 9/9