



Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 1/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

1 Identification

Product identifier

Trade name: 832HD-B

Other Means of Identification: Black 1:1 Epoxy Potting and Encapsulating Compound (Part B)

Related Part Number:

832HD-Part B, 832HD-25ML (B), 832HD-50ML (B), 832HD-400ML (B), 832HD-1.7L (B), 832HD-7.4L (B), 832HD-40L (B), 832HD-360L (B)

Application of the substance / the mixture Epoxy Hardener

Uses advised against

For industrial use only

Do not process in a manner the material to form mist or dust.

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

MG Chemicals (Head Office)
1210 Corporate Drive
Burlington, Ontario L7L 5R6
CANADA
+(1) 800-340-0772
+(1) 905-331-1396
info@mgchemicals.com

Distributor:

Masline
511 Clinton Ave S
Rochester, New York 14620
United States
+(1) 586-546-5373

Information department: sds@mgchemicals.com

Emergency telephone number:

For hazardous material incidents ONLY (leaks, spills, fires, exposures or accidents)
USA or CANADA-Call Verisk 3E at +1-866-519-4752 or +1-760-476-3962 (Service access code: 335388)

For emergencies involving the transport of dangerous goods; 24/7 service
CANADA-Call CANUTEC collect at +1-613-996-6666 or *666 on cellular phones

2 Hazard identification

Classification of the substance or mixture

Acute Toxicity (Oral) - Category 4

Acute Toxicity (Dermal) - Category 4

Acute Toxicity (Inhalation) - Category 4

Skin Corrosion - Category 1A

Eye damage/irritation - Category 1

Sensitization - skin - Category 1

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

(Contd. on page 2)

—CA—

Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 2/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 1)

Germ Cell Mutagenicity - Category 2

H341 Suspected of causing genetic defects.

Reproductive Toxicity - Category 2

H361 Suspected of damaging fertility or the unborn child.

Specific target organ toxicity (single exposure) – Category 3

H335 May cause respiratory irritation.

Aquatic Acute 1

H400 Very toxic to aquatic life.

Aquatic Chronic 1

H410 Very toxic to aquatic life with long lasting effects.

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS05



GHS07



GHS08



GHS09

Signal word Danger

Hazard-determining components of labeling:

4-nonylphenol, branched

Tofa, reaction products with TEPA

2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)

3,6,9-triazaundecamethylenediamine

Hazard statements

H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H341 Suspected of causing genetic defects.

H361 Suspected of damaging fertility or the unborn child.

H335 May cause respiratory irritation.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe fumes, mist or vapours.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves, protective clothing, and eye protection or face protection.

P285 In case of inadequate ventilation wear respiratory protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

(Contd. on page 3)

CA

Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 3/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 2)

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P308+P313 IF exposed or concerned: Get medical advice.

P333+P313 If skin irritation or rash occurs: Get medical advice.

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, regional, and national regulations.

Other hazards

Long term or repeated exposure may lead to an autoimmune disease that results in hardening of the skin and can affect the internal organs.

3 Composition/Information on ingredients

Chemical characterization: Mixtures

· **Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

84852-15-3	4-nonylphenol, branched	41% w/w
68953-36-3	Tofa, reaction products with TEPA	37% w/w
6864-37-5	2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)	16% w/w
112-57-2	3,6,9-triazaundecamethylenediamine	3% w/w
64741-65-7	Naphtha (petroleum), heavy alkylate	2.0% w/w
108-95-2	phenol	0.2% w/w

4 First-aid measures

Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Remove person to fresh air and keep comfortable for breathing.

Immediately call a POISON CENTER or doctor.

After skin contact:

Take off immediately all contaminated clothing. Wash with plenty of water or shower.

Immediately call a POISON CENTRE or doctor.

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice or attention.

(Contd. on page 4)

—CA—

Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 4/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 3)

· **After eye contact:**

Rinse cautiously with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

· **After swallowing:**

Rinse mouth. Do not induce vomiting.

Immediately call a POISON CENTER or doctor.

· **Information for doctor:**

In case of exposure to nitrogen oxides (NOx) combustion products vapors during a fire, the symptoms may be delayed. For significant exposures, the exposed person should be kept under medical surveillance for 48 hours. Treat symptomatically

· **Most important symptoms and effects, both acute and delayed**

See section 11 for additional information.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

Not flammable or combustible, but burns if involved in a fire. Produces irritating smoke of unknown toxicity in fires.

Prevent fire-fighting wash from entering waterway or sewer system.

Inhalation of toxic smoke during fire may have delayed effects. Exposed person may need to be put under surveillance for 48 h.

Toxic for aquatic environment: Prevent fire-fighting wash from entering waterway or sewer system.

· **Hazardous combustion products:**

Carbon Oxides (COx)

Nitrogen Oxides (NOx)

· **Advice for firefighters**

· **Protective equipment:** Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Remove or keep away all sources of extreme heat or open flames.

Do not breathe fumes, mist or vapors.

· **Environmental precautions:**

Avoid release to the environment.

Do not allow to enter sewers/ surface or ground water.

(Contd. on page 5)

—CA—



Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 5/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 4)

- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Collect liquid in a sealable, chemical-resistant container.
Wash residue with a paper towel and place dirty towels in container.
Use soap and water to remove the last traces of residue.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Wear protective gloves and eye protection.
Wash hands and exposed skin thoroughly after handling.
Take off contaminated clothing and wash it before reuse.
Collect spillage.
Contaminated work clothing should not be allowed out of the workplace.
Use only outdoors or in a well-ventilated area.
Obtain, read and follow all safety instructions before use.
Do not breathe mist, vapours, spray.
Do not eat, drink, or smoke when using this product.
- **Information about protection against explosions and fires:**
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:**
Keep in a dry and clean area, away from incompatible substances
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store locked up.
- **Specific end use(s)** See section 1.2

8 Exposure controls/ Personal protection

- **Control parameters**

• Components with limit values that require monitoring at the workplace:	
112-57-2 3,6,9-triazaundecamethylenediamine	
WEEL (USA)	TWA: 5 mg/m ³ Skin; DSEN

(Contd. on page 6)

—CA—

Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 6/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 5)

· **Additional information:**

The lists that were valid during the creation were used as basis.
Refer to the national or regional occupational exposure limit regulation for abbreviations and acronyms.

· **Exposure controls**

· **Appropriate engineering controls** Keep airborne concentrations below exposure limits.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
Advice should be sought from respiratory protection specialists.
If the product is heated or worker has a known allergic reaction, consider using a full mask with organic vapor cartridge or with an independent air supply.

· **Protection of hands:**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



Protective gloves: EN374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Safety glasses or tightly sealed goggles: EN 166

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **Physical state**

Liquid

(Contd. on page 7)

—CA—

Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 7/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 6)

· Form: · Color: · Odor: · Odor threshold: · Melting point/Melting range: · Boiling point/Boiling range: · Flammability: · Explosion limits: · Lower: · Upper: · Flash point: · Auto igniting: · Decomposition temperature: · pH-value: · Viscosity: · Kinematic: · Dynamic: · Solubility in / Miscibility with · Water: · Partition coefficient (n-octanol/water): · Vapor pressure: · Density at 20 °C (68 °F): · Relative density: · Vapor density (air=1): · Particle characteristics	Highly viscous Amber colored Ammonia-like Not determined. Undetermined. 93 °C (199.4 °F) Non flammable Not applicable Not applicable 150 °C (302 °F) 321 °C (609.8 °F) Not determined. Not determined. Not determined. Not determined. Partly soluble. Not determined. Not determined. 0.95 g/cm³ (7.9278 lbs/gal) Not determined. Not determined. Not applicable.
· Other information · Important information on protection of health and environment, and on safety. · Ignition temperature: · Danger of explosion: · Solvent content: · Organic solvents: · VOC content: · Evaporation rate	Product is not selfigniting. Product does not present an explosion hazard. Not available 0.200 % 2.0 g/l / 0.02 lb/gal Not determined.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** Chemically stable at normal temperatures and pressures.
 - **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.

(Contd. on page 8)

—CA—

Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 8/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 7)

- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
No dangerous decomposition products known.
Hazardous combustion products: see section 5.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)		
Oral	LD50	725–814 mg/kg
Dermal	LD50	1,183–2,245 mg/kg (rabbit)
Inhalative	LC50/4 h	2.6 mg/L (rat)
84852-15-3 4-nonylphenol, branched		
Oral	LD50	500 mg/kg (ATE)
6864-37-5 2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)		
Oral	LD50	320–460 mg/kg (rat)
Dermal	LD50	200–400 mg/kg (rabbit)
Inhalative	LC50/4 h	0.42 mg/L (rat)
112-57-2 3,6,9-triazaundecamethylenediamine		
Oral	LD50	500 mg/kg (ATE)
Dermal	LD50	660 mg/kg (rabbit)
64741-65-7 Naphtha (petroleum), heavy alkylate		
Oral	LD50	>6,000 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>7.8 mg/L (rat)
108-95-2 phenol		
Oral	LD50	317 mg/kg (rat)
Dermal	LD50	850 mg/kg (rabbit)
Inhalative	LC50/4 h	0.5 mg/L (ATE)

· Primary irritant effect:

- **on the skin:** Strong caustic effect on skin and mucous membranes.
- **on the eye:**
Strong caustic effect.
Strong irritant with the danger of severe eye injury.

· Sensitization:

- Sensitization possible through skin contact.
- May cause an allergic skin reaction.

(Contd. on page 9)

—CA—



Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 9/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 8)

- **Germ cell mutagenicity** Suspected of causing genetic defects.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Suspected of damaging fertility or the unborn child.
- **Specific target organ toxicity - single exposure** May cause respiratory irritation.
- **Specific target organ toxicity - repeated exposure**
Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Summary of effects and symptoms by route of exposure**
 - **Eyes:**
eye damage, pain
redness, serious irritation
 - **Skin:**
rash, allergic contact dermatitis
chemical burns
pain
 - **Inhalation:**
irritation of the respiratory tract
difficulty breathing
cough
burning sensation
asthma in pre-sensitized individuals
 - **Swallowed:**
irritation
abdominal pain
nausea
vomiting
burning sensation
- **Delayed and immediate effects as well as chronic effects from short and long-term exposure**
Long-term exposure by inhalation or skin contact may cause an allergic skin and respiratory reaction in some people.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Corrosive
Irritant
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
108-95-2	phenol	3
· NTP (National Toxicology Program)		
None of the ingredients is listed.		

— CA —

(Contd. on page 10)

Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 10/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 9)

12 Ecological information

- **Toxicity**
 - **Aquatic toxicity:**
Very toxic to aquatic life with long lasting effect.
Avoid release to the environment.
Collect spillage.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **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:** This material and its container must be disposed of as hazardous waste.
- **Uncleaned packagings:**
 - **Recommendation:**
Containers may still present a chemical hazard/ danger when empty.
Dispose of contents in accordance with all local, regional, national, and international regulations.
Where possible retain label warnings and SDS and observe all notices pertaining to the product.
 - **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· UN-Number	
· DOT/TDG, IMDG, IATA	UN1760
· UN proper shipping name	
· DOT/TDG	Corrosive liquids, n.o.s. (3,6,9-triazaundecamethylenediamine)
· IMDG	CORROSIVE LIQUID, N.O.S. (3,6,9-triazaundecamethylenediamine)
· IATA	Corrosive liquid, n.o.s. (3,6,9-triazaundecamethylenediamine)

(Contd. on page 11)

—CA—

Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 11/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 10)

· Transport hazard class(es) · DOT/TDG (Transport dangerous goods):  · Class 8 Corrosive substances · Label 8	
· IMDG, IATA  · Class 8 Corrosive substances · Label 8	
· Packing group · DOT/TDG, IMDG, IATA II	
· Environmental hazards: Product contains environmentally hazardous substances: 4-nonylphenol, branched · Marine pollutant: MARINE POLLUTANT · Special marking (IATA): ENVIRONMENTALLY HAZARDOUS	
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.	
· Transport/Additional information:  Limited Quantity 832HD-25ML, 832HD-50ML, 832HD-400ML · DOT/TDG · Quantity limitations On passenger aircraft/rail: 1 L On cargo aircraft only: 30 L	
· IMDG · Limited quantities (LQ) 1L · Excepted quantities (EQ) Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml	
· Special precautions for user Not applicable. · Hazard identification number (Kemler code): 80	

(Contd. on page 12)

—CA—



Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 12/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 11)

· EMS Number:	F-A,S-B
· Stowage Category	B
· Stowage Code	SW2 Clear of living quarters.
· UN "Model Regulation":	UN 1760 CORROSIVE LIQUIDS, N.O.S. (3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE), 8, II

* 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

· OSHA Hazard Communication Standard (29 CFR Part 1900)

The safety data sheet and label comply with HCS 2024.

· Hazardous Products Act (R.S.C., 1985, c. H-3)

The safety data sheet and label comply with the Hazardous Product Act and WHMIS 2023.

· Sara

· Section 355 (extremely hazardous substances):		
108-95-2	phenol	
· Section 313 (Specific toxic chemical listings):		
84852-15-3	4-nonylphenol, branched	
108-95-2	phenol	
· TSCA (Toxic Substances Control Act):		
84852-15-3	4-nonylphenol, branched	ACTIVE
6864-37-5	2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)	ACTIVE
112-57-2	3,6,9-triazaundecamethylenediamine	ACTIVE
64741-65-7	Naphtha (petroleum), heavy alkylate	ACTIVE
108-95-2	phenol	ACTIVE
· Hazardous Air Pollutants		
108-95-2	phenol	

· Proposition 65

· Chemicals known to cause cancer:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	

(Contd. on page 13)

—CA—

Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 13/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 12)

· Carcinogenic categories

· TLV (Threshold Limit Value)		
108-95-2	phenol	A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· Canadian substance listings:

· Canadian Domestic Substances List (DSL)	
84852-15-3	4-nonylphenol, branched
6864-37-5	2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)
112-57-2	3,6,9-triazaundecamethylenediamine
64741-65-7	Naphtha (petroleum), heavy alkylate
108-95-2	phenol

· Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)

112-57-2	3,6,9-triazaundecamethylenediamine
----------	------------------------------------

· HMIS-ratings (scale 0 - 4)

Health = * 3

Fire = 1

Reactivity = 0

· Europe

· RoHS (Restriction of Hazardous Substances Directive)

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, PBDE's, DEHP, BBP, DBP, or DIBP and complies with European RoHS regulations.

· WEEE (Waste Electrical and Electronic Equipment Directive)

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

· Per- and polyfluoroalkyl substances (PFAS)

None of the ingredients is listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Regulatory department

· **Contact:** sds@mgchemicals.com

· **Version number of previous version:** 3.00

(Contd. on page 14)

—CA—



Safety Data Sheet

according to WHMIS 2023 and HCS 2024

Page 14/14

Date of issue 06/23/2025

Version number 4.00

Revision: 06/16/2025

Trade name: 832HD-B

(Contd. of page 13)

- **Date of preparation** 06/23/2025
- **Abbreviations and acronyms:**
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - VOC: Volatile Organic Compounds (USA, EU)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - NIOSH: National Institute for Occupational Safety
- *** Data compared to the previous version altered.**

— CA —