

Material Safety Data Sheet

Completed 31-10-2024
Revision: (date) -
SDS version 1.0

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

1.1. Product Identifier

Trade Name: Hoof Grip Pro - Part B
Product- no.: -
UFI: 9JGA-7V0H-J20S-SNWR

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses:

Adhesive for bonding blocks to hooves.

The product is part of a 2-component system. Conformity with safety data sheet for both components when mixing with other component.

Uses advised against:

This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

1.3. Details of the supplier of the safety data sheet

Company and address:

Chem Select, Inc
31441 Santa Margarita Pkwy, Suite A340
Rancho Santa Margarita, CA 92688
United States of America
+1 (800) 985-2012
www.chemselect.com

Imported by:

KVK
Morsøgade 3
DK-6700 Esbjerg
Tlf: +45 75 36 81 87
dnn@kvk.dk

Contact person and E-mail:

Dwane Morrison; info@chemselect.com

The Safety data sheet is completed and validated by:

Mediator ApS, Centervej 2, DK-6000 Kolding. Consultant: TSN

1.4. Emergency telephone number

Use your national or local emergency number - For "First aid measures" see section 4.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP (1272/2008):
Skin Sens. 1B;H317
Eye Irrit. 2;H319

See full text of H-phrases in section 16.

2.2. Label elements



Signal word:

Warning

May cause an allergic skin reaction. (H317)
Causes serious eye irritation. (H319)

Wash hands thoroughly after handling. (P264)

Wear protective gloves/eye protection. (P280)

IF ON SKIN: Wash with plenty of water. (P302 + P352)

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

If skin irritation or rash occurs: Get medical advice/attention. (P333 + P313)

If eye irritation persists: Get medical advice/attention. (P337 + P313)

Material Safety Data Sheet

2.3. Other hazards

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Additional labelling:

-

Additional warnings

-

SECTION 3: Composition/information on ingredients

3.1./3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol	- / -	102-60-3	203-041-4	Eye Irrit. 2;H319	10 - 20	-
Ethylenediamine, ethoxylated and propoxylated	- / -	26316-40-5	500-047-1	Skin Sens. 1B;H317, Eye Irrit. 2;H319	5 - 10	-

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

In case of discomfort: Seek fresh air.

Seek medical advice in case of persistent discomfort.

Ingestion:

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.

Seek medical advice in case of discomfort.

Skin contact:

Remove contaminated clothing.

Wash skin with soap and water.

Do not pull bonded skin apart directly. Soak the skin in warm, soapy water and gently peel apart with the aid of a blunt edge, e.g. a teaspoon handle.

Seek medical advice if symptoms persist.

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

Eye contact:

Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Do not attempt to open eyelids forcibly. Cover with cotton wool soaked in lukewarm water. Seek medical advice.

Additional information:

When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

Sensitivity effects: This product contains substances which can give an allergic reaction on contact with skin. The allergic reaction will typically set in 12-72 hours after exposure as the substance penetrates the skin and reacts with proteins in the outer skin. The body's immune system sees the chemically changed protein as a foreign body and will try to destroy it.

4.3. Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguish with powder, foam, carbon dioxide or water mist.

Do not use water stream, as it may spread the fire.

Material Safety Data Sheet

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.
Hazardous fumes are formed in fire conditions.
Exposure to decomposition products may cause a health hazard.

5.3. Advice for firefighters

Fire fighters should wear appropriate protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See section 8 for type of protective equipment.
Avoid contact with skin and eyes.

6.2. Environmental precautions

Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment.
See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section 8 for information about precautions for use and personal protective equipment.
Running water and eye wash equipment must be available.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.
Store in a dry, cool, well-ventilated area.
Keep in tightly closed packaging. Store frost-free.

7.3. Specific end use(s)

See application section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Indicative occupational exposure limit value (IOELV)

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DNEL/PNEC-values:

DNEL 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol

	Workers	Consumers
Inhalation - Chronic Systemic	29,4 mg/m ³	8,7 mg/m ³
Dermal - Chronic Systemic	4,2 mg/kg bw/day	2,5 mg/kg bw/day
Oral - Chronic Systemic	-	2,5 mg/kg bw/day

PNEC 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol

Fresh water	0,295 mg/L
Intermittent releases (Fresh water)	1,2 mg/L
Marine water	0,029 mg/L
Soil	0,063 mg/kg soil dw

8.2. Exposure controls

There are no exposure scenarios for this product.

Appropriate engineering controls:

Wear the personal protective equipment specified below.
Wash hands before breaks, before using restroom facilities, and at the end of work.
Do not eat, drink or smoke when using this product.

Material Safety Data Sheet

Personal protective equipment:



Respiratory protection:

Generally not required.

Hand protection:

Wear protective gloves made of nitrile rubber (> 0,11 mm). Protective gloves conforming to EN 374.
Penetration time: > 240 min.

Eye/face protection:

Wear safety goggles if there is a risk of eye splash.
Eye protection conforming to EN 166.

Skin protection:

Generally not required.

Environmental exposure controls:

Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Green
Odour:	Amine odour
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	9,5
Kinematic viscosity (mm ² /s):	-
Solubility:	-
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	-
Relative vapour density:	-
Particle characteristics:	-

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.
Avoid contact with moisture and water.

10.5. Incompatible materials

None known.

Avoid contact with strong bases.
Avoid contact with strong oxidising agents.
Avoid contact with strong acids.

Material Safety Data Sheet

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and toxic gases such as COx, NOx may be released.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
1,1',1'',1'''- Ethylenedinitrilotetrap ropan-2-ol	Oral	Rat	LD50	2890 mg/kg bw
1,1',1'',1'''- Ethylenedinitrilotetrap ropan-2-ol	Dermal	Rat	LD50	> 2000 mg/kg bw
Propylidynetrimethan	Dermal	Rat	LD50	> 2000 mg/kg bw

Skin corrosion/irritation:

May irritate the skin – may cause reddening.

Serious eye damage/irritation:

Irritating to eyes. Causes a burning sensation and tearing.

Respiratory or skin sensitisation:

May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing.

Germ cell mutagenicity:

Based on the existing data, the classification is not met.

Carcinogenicity:

Based on the existing data, the classification is not met.

Reproductive toxicity:

Based on the existing data, the classification is not met.

STOT-single exposure:

Based on the existing data, the classification is not met.

STOT-repeated exposure:

Based on the existing data, the classification is not met.

Aspiration hazard:

Based on the existing data, the classification is not met.

11.2. Information on other hazards

Test data are not available.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
1,1',1'',1'''- Ethylenedinitrilotetrap ropan-2-ol	96 Hours	Fish	LC50	> 120 mg/L
1,1',1'',1'''- Ethylenedinitrilotetrap ropan-2-ol	72 Hours	Algae	EC50	14,746 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
1,1',1'',1'''- Ethylenedinitrilotetrap ropan-2-ol	No	OECD Guideline 301 A	28 Days 20%

Material Safety Data Sheet

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
No data.	-	-

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB.

12.6. Endocrine disrupting properties

Test data are not available.

12.7. Other adverse effects

None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC-Code	Description
08 04 09	Waste adhesives and sealants containing organic solvents or other hazardous substances

Specific labelling:

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Contaminated packaging:

Empty packaging and residues must be disposed of through the municipal waste collection service for hazardous waste.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

14.1 -14.4.

ADR

-

IMDG/IATA

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

SECTION 15: Regulatory information

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

Sources:

Commission Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, EU 2017/164 and EU 2019/1831 (the first, second, third, fourth and fifth IOELV Directives).

Additional labelling:

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Material Safety Data Sheet

Restrictions for application:

Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product. Young people above 15 years are exempted this rule, if the product is a part of an education/training.

Demands for specific education:

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15.2. Chemical safety assessment

None.

SECTION 16: Other information

According to EU regulation 1907/2006 (REACH)

Other information:

Sources:

EC regulation 1907/2006 (REACH), with amendments.

EC Regulation 1272/2008 (CLP), with amendments.

Directive 2008/98/EC

ECHA - The European Chemicals Agency

Full text of H-phrases as mentioned in section 2+3:

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Classification according to Regulation (EC) Nr. 1272/2008:

Skin Sens. 1B;H317 Calculation method

Eye Irrit. 2;H319 Calculation method

Abbreviations and acronyms used in the safety data sheet:

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.

CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS-Number.: Chemical Abstracts Service number.

EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).

DNEL: Derived No Effect Level.

PNEC(s): Predicted No Effect Concentration(s).

STOT: Specific Target Organ Toxicity.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

LC50: Lethal Concentration to 50 % of a test population.

EC50: The effective concentration of substance that causes 50% of the maximum response.

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.

NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.

Other:

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Minor changes have been made in following sections:

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This material safety data sheet replaces version:

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