

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Neutrapasta 4067
Revision date : 17.02.2020
Print date : 28.09.2020

Version (Revision) : 5.0.0 (4.0.0)

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

1.1 Product identifier

Neutrapasta 4067 (CV3000)

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

Relevant identified uses

PC 14 - Metal surface treatment products

Products Category [PC]

PC37 - PC 37 - Water treatment chemicals

Sectors of use [SU]

SU14 - SU 14 - Manufacture of basic metals, including alloys

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Deutsche Derustit GmbH

Street : Emil-von-Behring-Str. 4

Postal code/city : 63128 Dietzenbach

Telephone : +4960744903-0

Telefax : +4960744903-33

E-mail : info@derustit.de

1.4 Emergency telephone number

+491705876215

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

STOT SE 3 ; H335 - STOT-single exposure : Category 3 ; May cause respiratory irritation.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Corrosion (GHS05) · Exclamation mark (GHS07)

Signal word

Danger

Hazard components for labelling

CALCIUM DIHYDROXIDE ; CAS No. : 1305-62-0

Hazard statements

H318 Causes serious eye damage.

H315 Causes skin irritation.

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H335 May cause respiratory irritation.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P310 Immediately call a POISON CENTER/doctor/...
P321 Specific treatment (see chapter 4 on this label).
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

CALCIUM DIHYDROXIDE ; EC No. : 215-137-3; CAS No. : 1305-62-0

Weight fraction : $\geq 20 - < 30$ %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 STOT SE 3 ; H335

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). First aider: Pay attention to self-protection! Remove contaminated, saturated clothing immediately.

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Wash immediately with: Polyethylene glycol 400

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Corrosion Cough Nausea

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

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Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Carbon dioxide (CO₂) , Water spray jet .

Unsuitable extinguishing media

No information available.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Do not breathe gas/fumes/vapour/spray. Avoid: Skin contact , Eye contact

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Disposal: see section 13 Provide adequate ventilation.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not breathe gas/fumes/vapour/spray. Handle and open container with care.

Protective measures

When using do not eat, drink, smoke, sniff. Technical ventilation of workplace

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep/Store only in original container. Protect containers against damage. Protect against UV-radiation/sunlight

Hints on joint storage

Storage class : 12

Storage class (TRGS 510) : 12

7.3 Specific end use(s)

PC 14 - Metal surface treatment products

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

CALCIUM DIHYDROXIDE ; CAS No. : 1305-62-0

Limit value type (country of origin) : TRGS 900 (D)

Parameter : E: inhalable fraction

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Limit value : 1 mg/m³
Remark : Y
Version : 29.03.2019
Limit value type (country of origin) : STEL (EC)
Limit value : 4 mg/m³
Version : 20.06.2019
Limit value type (country of origin) : TWA (EC)
Limit value : 1 mg/m³
Version : 20.06.2019

8.2 Exposure controls

Personal protection equipment

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Eye/face protection



Eye glasses with side protection

Additional eye protection measures

Provide eye shower and label its location conspicuously

Skin protection



Hand protection

Tested protective gloves must be worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material : NBR (Nitrile rubber) Breakthrough times and swelling properties of the material must be taken into consideration. See information supplied by the manufacturer.

Required properties : Acid-resistant

Respiratory protection



Respiratory protection necessary at: aerosol or mist formation.

Suitable respiratory protection apparatus

Filtering device (full mask or mouthpiece) with filter: Filter types: A, B, E, K. Class 1: Maximum permitted contaminant concentration in inhaled air = 1000 mL/m³ (0.1 % by vol.); class 2: maximum permitted contaminant concentration in inhaled air = 5000 mL/m³ (0.5 % by vol.); class 3: maximum permitted contaminant concentration in inhaled air = 10000 mL/m³ (1.0 % by vol.)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety characteristics

Initial boiling point and boiling range : (1013 hPa) > 120 °C
Flash point : none

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Vapour pressure : (50 °C) < 1000 hPa
Density : (20 °C) 1,2 g/cm³

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

Corrosive to metals.

10.2 Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3 Possibility of hazardous reactions

May cause strong formation of hydrogen by contact with amphoteric metals (e.g. alumina, lead, zinc) - danger of explosion.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Alkali metals Amines. Ammonia. Alkaline earth metal. Alkali (lye), concentrated. Peroxides.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

Parameter : LD50 (CALCIUM DIHYDROXIDE ; CAS No. : 1305-62-0)
Exposure route : Oral
Species : Rat
Effective dose : 7340 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

After neutralisation, toxicity is no longer observed.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

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None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Delivery to an approved waste disposal company.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to AwSV

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

03. Hazardous ingredients · 08. Occupational exposure limit values · 15. Water hazard class (WGK)

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H315 Causes skin irritation.
H318 Causes serious eye damage.

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H335 May cause respiratory irritation.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
