

Neubacid H&S

Version: I

Date of compilation: 13.02.2020

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Safety Data Sheet

legal basis:

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

1.1. Product identifier

Trade name: Neubacid H&S
Product code: 714544
Composition for label/Other name(s) COMPLEMENTARY FEEDINGSTUFF., Composition: 13.6.13 Salt of lactylates of fatty acids., 13.6.2 – Butyric acid esterified with glycerol, 11.4.6 Sodium sulphate., Feed additive. : Silicic acid, precipitated and dried, E551a.,

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

Identified uses

Uses:

Feed industry.

Uses advised against:

other than named above

1.3. Details of the supplier of the safety data sheet

Name and address: Brenntag Polska Sp.z o.o
ul. Bema 21, 47-224 Kędzierzyn-Koźle
Poland
Phone number: (48/77) 4721500
Fax number: (48/77) 4721600
e-mail address for a competent person responsible for the safety data sheet: kch@brenntag.pl

1.4. Emergency telephone number

998 or 112, or contact with the nearest local Fire Department

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

General hazards

This product is not classified as hazardous according to current regulations

Health hazards

not applicable

Physical hazards

not applicable

Environmental hazards

not applicable

2.2. Label elements

Hazard pictograms:

Signal Word:

Signal word is not required

Hazard statements:

Produkt is not classified as hazardous according to obligatory regulation

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Concentration value	Substance	CAS	EC	Index number	Remarks
< 15 %	Synthetic amorphous silicon dioxide	112926-00-8	231-545-4	not applicable	Substance with a workplace exposure limit

Remarks

The product does not contain any ingredients hazardous to health or the environment in accordance with the current regulations nor ingredients with

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occupational exposure limits.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move the victim to fresh air. Immediately ensure a physician aid.

Skin contact

Remove all contaminated clothing. Wash off with soap and plenty of water. Call a physician immediately.

Eye contact

Rinse immediately with plenty of water for at least 15 minutes. Immediately ensure a physician aid.

Ingestion

Rinse mouth. Immediately ensure a physician aid.

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

Symptoms and effects:

Symptoms and effects

no data available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media

water spray jet, foam, extinguishing powder, carbon dioxide (CO₂)

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire may produce: carbon monoxide.

5.3. Advice for firefighters

Containers exposed to fire or high temperature cool by spraying water from a safe distance. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Prevent unauthorised persons entering the danger zone. Do not touch or walk through spilled material. Avoid uplifting the dust. Avoid skin, eyes and clothing contamination. Avoid breathing dust. Use personal protective equipment. Ensure adequate ventilation.

6.2. Environmental precautions

Should not be released into the environment.

6.3. Methods and material for containment and cleaning up

Collect the spilled product mechanically to a closed container. After cleaning, flush away traces with water. Washings should be collected and disposed of as a waste.

6.4. Reference to other sections

More information about suitable personal protective equipment is given in section 8.

More information about additional wasteprocessing is given in section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid eyes, skin and clothing contamination. Avoid dust formation. Do not breathe dust. Ensure suitable ventilation. Wash hands after handling the product. Smoking, eating and drinking should be prohibited in the application area.

7.2. Conditions for safe storage, including any incompatibilities

Keep in tightly closed containers. Keep in a dry, cool and well-ventilated place. Keep away from heat, flame sparks and other ignition sources. Store away from strong oxidizing agents. Store in temperatures: < 30°C.

7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL value

Comments

For this product DNEL value has not been derived

PNEC value

Comments

For this product PNEC value has not been calculated

Occupational exposure limits

Synthetic amorphous silicon dioxide	Inhalable fraction.	NDS	10 mg/m ³
	Respirable fraction.	NDS	2 mg/m ³

Comments

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Poland. OELs - Regulation of the Minister of Family, Labour and Social Policy, of 12 June 2018; Journal of Laws 2018, item 1286

Biological limit values comments

not available

Recommended monitoring procedures

Regulation of the Minister of Health on tests and measurements applicable for hazardous substances and other adverse factors which are present in the workplace, of 2 February 2011 (Journal of Laws No33, item 166).

8.2.Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Ensure that eye flushing systems and safety showers are located close to the working place.

Individual protection measures

Respiratory protection

Respirator must be worn if exposed to dust.

Eye /face protection

Tightly fitting safety goggles

Skin and hand protection

Butyl rubber gloves

Other protection equipment

Work clothing

Reference to regulations

Individual protection measures should satisfy the requirements specified in the Regulation of the Minister of Economy on basic requirements for personal protection controls, of 21 December 2005 (Journal of Laws No 259, item 2173).

General advice

When using, do not eat, drink or smoke. Wash hands before every break and at the end of workday. Remove and wash contaminated clothing before re-use.

Environ. exposure controls

Prevent entry into drains, waterways, sewers and soil.

SECTION 9:Physical and chemical properties

9.1.Information on basic physical and chemical properties

	Physical state	Colour
Appearance:	powder	red-brown
Odour:	no data available	
Odour threshold:	No data available.	
pH:	ca. 6,5	5 % alcoholic solution
Melting point/freezing point:	No data available.	
Initial boiling point and boiling range:	Not applicable.	
Flash point:	No data available.	
Evaporation rate:	No data available.	
Flammability (solid, gas):	No data available.	
Upper flammability or explosive limits:	No data available.	
Lower flammability or explosive limits:	No data available.	
Vapour pressure:	No data available.	
Vapour density:	No data available.	
Relative density:	No data available.	
Solubility:	no data available	
Partition coefficient: n-octanol/water:	No data available.	
Auto-ignition temperature:	No data available.	

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Decomposition temperature:	no data available
Viscosity:	no data available
Explosive properties:	No data available.
Oxidising properties:	No data available.

9.2. Other information

Minimum ignition energy:	no data available	
Conductivity:	no data available	
Surface tension:	no data available	
Density:	Bulk density.	ca. 721 kg/m ³
Additional information	No data available.	

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Sources of ignition. High temperature.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Burning of the material can produce: Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Synthetic amorphous silicon dioxide	LD50	> 2 000 mg/kg	Rat
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Acute dermal toxicity

Synthetic amorphous silicon dioxide	LD50	> 5 000 mg/kg	Rat
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Acute inhalation toxicity

No data available.

Acute toxicity - other exposure routes

No data available.

Skin corrosion/irritation

Not irritating, based on information on ingredients

Serious eye damage/irritation

Not irritating, based on information on ingredients

Respiratory sensitisation

not sensitizing, based on information on ingredients

Skin sensitisation

not sensitizing, based on information on ingredients

Germ cell mutagenicity

Summary

Based on available data, the classification criteria are not met.

Carcinogenicity

Summary

Based on available data, the classification criteria are not met.

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Reproductive toxicity

Summary

Based on available data, the classification criteria are not met.

STOT-single exposure

Summary

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Summary

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

No data available

Symptoms related to the physical, chemical and toxicological characteristics

no data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

no data available

SECTION 12: Ecological information

12.1. Toxicity

Summary

no data available

12.2. Persistence and degradability

Summary

no data available

12.3. Bioaccumulative potential

Summary

no data available

12.4. Mobility in soil

Summary

no data available

12.5. Results of PBT and vPvB assessment

no data available

12.6. Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Comply with below named regulations:

Waste Disposal Law, of 14 December 2012 (Journal of Laws 2013, item 21), with further amendments.

Law on packages and spent packages, of 13 June 2013 (Journal of Laws 2013, item 888).

Dispose of in accordance with current legislation concerning Waste disposal.

SECTION 14: Transport information

14.1. UN number

Transport type	UN Number
ADR	N/A
RID	N/A
ADN	N/A
IMDG	N/A
ICAO	N/A

14.2. UN proper shipping name

Transport type	UN proper shipping name
ADR	not subject to transport regulations
RID	not available
ADN	not available
IMDG	not available
ICAO	not available

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14.3. Transport hazard class(es)

Transport type	Transport hazard class:	Classification code:	Hazard identification number:	Tunnel restriction code:	Labels numbers:
ADR	not relevant	not relevant	not relevant	-	not relevant
RID	not available				
ADN	not available				
IMDG	not available				
ICAO	not available				

14.4. Packing group

Transport type	Packing group:
ADR	not relevant
RID	not available
ADN	not available
IMDG	not available
ICAO	not available

14.5. Environmental hazards

The product does not pose a hazard to the environment in accordance with the criteria of the UN Model Regulations.

14.6. Special precautions for user

not available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not available

SECTION 15: Regulatory information

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

Law on chemical substances and mixtures thereof, of 14 January 2018 (Journal of Laws 2018, item 143). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ L 353, 31.12.2008, p. 1).

15.2. Chemical safety assessment

not applicable

SECTION 16: Other information

Changes of previous version

not applicable

Key or legend to abbreviations and acronyms used in the safety data sheet

Ozone - Hazardous for the ozone layer
 Ox. Liq. - Oxidising liquid
 Skin Corr. - Skin corrosion
 Acute Tox. - Acute toxicity
 Met. Corr. - Substance or mixture corrosive to metals
 Org. Perox. - Organic peroxide
 Resp. Sens. - Respiratory sensitization
 Skin Irrit. - Skin irritation
 Lact. - Effects on or via lactation
 NDS - Maximum permissible exposure level/concentration
 NDSCH - Maximum short-term exposure level/concentration
 NDSP - Maximum permissible ceiling exposure level/concentration
 vPvB (Substance) very persistent and very bioaccumulating
 PBT (Substance) persistent, bioaccumulating and toxic
 LD50 - Lethal dose 50; dose/amount of a substance which kills 50 % of the test population
 DNEL – Derived No Effect Level
 PNEC – Predicted No Effect Concentration
 LOEC - Lowest Observed Effect Concentration
 NOEL No Observed Effect Level
 NOEC - No Observed Effect Concentration
 ECX - Effective concentration; concentration of a substance which produces X % effect response
 ADR – Agreement Concerning the International Carriage of Dangerous Goods by Road
 ADN – Agreement Concerning the International Carriage of Dangerous Goods by Inland Waters
 RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail
 Water-react. - Substance or mixture which in contact with water emits flammable gas
 Ox. Sol. - Oxidising solid
 LC50 - Lethal concentration; concentration of a substance which kills 50 % of the test population
 IMDG – International Maritime Dangerous Goods Code
 ICAO/IATA – International Civil Aviation Organization/International Air Transport Association
 UVCB - Substances of Unknown or Variable composition, Complex reaction products or Biological materials
 STOT RE - Specific target organ toxicity — repeated exposure
 Expl. - Explosive
 Flam. Gas - Flammable gas
 Flam. Aerosol - Flammable aerosol

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Ox. Gas - Oxidising gas
Press. Gas - Gases under pressure
Flam. Liq. - Flammable liquid
Flam. Sol. - Flammable solid
Self-react. - Self-reactive substance or mixture
Pyr. Liq. - Pyrophoric liquid
Pyr. Sol. - Pyrophoric solid
Self-heat. - Self-heating substance or mixture
Skin Sens. - Skin sensitization
Muta. - Germ cell mutagenicity
Carc. - Carcinogenicity
Repr. - Reproductive toxicity, Category 1A
STOT SE - Specific target organ toxicity — single exposure
Asp. Tox. - Aspiration hazard
Aquatic Acute - Hazardous to the aquatic environment - Acute
Aquatic Chronic - Hazardous to the aquatic environment - Chronic

Key literature references and sources for data

This safety data sheet has been prepared based on the MSDS provided by the manufacturer or / and internet databases and current regulations.

Advice on any training appropriate for workers to ensure protection of human health and the environment

People involved in the handling of the product should be trained in the handling, safety and hygiene.

List of relevant hazard statements and/or precautionary statements

not applicable

Produkt is not classified as hazardous according to obligatory regulation

Other Information

Producer/importer did not register the substance(s) under Reach (EC 1907/2006). Certain non- food/feed/pharma uses may however need a registration.
It is in the responsibility of the downstream user to comply with REACH regulation in this respect.
Exposure scenarios are not required.