

CEBICO

Revision date 29.02.2024

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Trade name	CEBICO
Revision date	29.02.2024
Version number	1.1

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

Uses of the chemical	Injection molding and plastic conversion, 3D printing. Industrial and professional use.
Uses advised against	Not known

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification	Norske Skog Saugbrugs AS Tistedalsgata 9-11 1772 Halden Norway Telefon: +47 69 17 40 00 https://www.norskeskog.com/
E-mail	info.saugbrugs@norskeskog.com
Responsible person	Norske Skog Saugbrugs AS
Author	Sensor Chemcontrol AS - Jens Krotseng
1.4 Emergency telephone number	Poison Information Centre: +47 22 59 13 00.

SECTION 2: HAZARD IDENTIFICATION**2.1 Classification of the substance or mixture**

Classification according to 1272/2008EC	The substance or the mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
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2.2 Label elements

Hazard statement(s)	EUH208 Contains: maleic anhydride;. May cause an allergic reaction.
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2.3 Other hazards

The chemical does not contain endocrine disruptors above 0.1%, according to (EU) 2017/2100 or (EU) 2018/605.
REACH Annex XIII regulations regarding PBT or vPvB substances is not applicable for the product.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures**

Ingredients	Identification	Classification	Note	Weight%
Polyethylene	Ec/Nlp nr: 618-339-3 Cas nr: 9002-88-4		Z	0 - 80
Polypropylene	Ec/Nlp nr: 618-352-4 Cas nr: 9003-07-0		Z	0 - 80
Pulp, cellulose	Ec/Nlp nr: 265-995-8 Cas nr: 65996-61-4		Z	0 - 50

Explanation

Ingredients comments	All concentrations are listed as weight percent.
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The classification applies to each substance, not the product.

Note Z: Although the component are not classified as dangerous according to Regulation (EC) No 1272/2008, it provides valuable information to the product composition.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures****Inhalation**

Inhalation is not an expected route of exposure. Fresh air, warmth and rest, preferably in a comfortable, half-sitting position. Keep respiratory tract open.

Skin contact

If skin irritation persists: Get medical advice/attention.

Eye contact

Rinse cautiously with water for several minutes; If possible remove any contact lenses.

Ingestion

Give something to drink, such as water, milk or juice. Do not induce vomiting. Call a poison centre for a risk assessment.

4.2 Most important symptoms and effects, both acute and delayed

Not known

4.3 Indication of any immediate medical attention and special treatment needed

By accident or malaise, consult a doctor immediately. Show label, instructions or the MSDS.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Water spray, foam, CO₂ or powder.

Extinguishing media which shall not be used

Avoid using directed water jets during extinguishing work.

5.2 Special hazards arising from the substance or mixture

In the event of fire, CO, CO₂, NO_x and black smoke may develop.

5.3 Advice for firefighters

Firefighters should use standard protective flame resistant jacket, helmet with face shield, gloves, rubber boots and self-contained breathing apparatus in confined areas.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Use gloves (preferably with long cuff) that provide adequate chemical protection.

6.2 Environmental precautions

Avoid release to the environment;

6.3 Methods and material for containment and cleaning up

Sweep together and collect.

6.4 Reference to other sections

See section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See section 12 for information on ecology.
See section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Handle in accordance with good hygiene and safety practice. Operating instructions should be followed to ensure safe use and best results.

7.2 Conditions for safe storage, including any incompatibilities

Should be stored in original container.

7.3 Specific end use(s)

Industrial and professional use.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters****Limit values notes**

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	No occupational exposure limits are relevant for the product.
8.2 Exposure controls	
Exposure controls	Common sense and safety precautions should always be used when handling chemicals. Ensure that all containers are properly labeled to prevent accidental exposure or improper use. Ensure good working hygiene. Make use of recommended safety equipment. Provide adequate exhaust ventilation, or ventilation in the workplace. Avoid contact with eyes and skin.
Respiration protection	Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. The European Committee for Standardisation (CEN) standards EN136, EN140 and EN405 specify respirator masks and EN149 and EN143 specify filter recommendations. Respiratory protection must be used if air contamination exceeds occupational exposure levels.
Eye protection	Eye protection shall be in accordance to EN 166 standard.
Hand protection	Protective gloves of Nitrile, Neoprene or PVA is recommended. Glove thickness of 0.35 mm according to standard EN-374. If continuous contact: Gloves with penetration time above 480 minutes. If short-term splash/exposure (up to 30 minutes): Gloves with penetration time above 60 minutes.
Additional information	It is good industrial hygiene practices to avoid skin contact as much as possible. Do not wear rings, watches, etc, which are suitable for keeping the product and thereby cause skin reactions. Barrier creams may help to protect exposed skin, but can not substitute for gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
a) Physical state	Solid (pellets)
b) Colour	Brown, black or white
c) Odour	Characteristic
d) Melting point/freezing point	120 °C
e) Boiling point or initial boiling point and boiling range	Not relevant due to the form or condition of the chemical.
f) Flammability	Flammable at temperatures above 200 °C.
g) Lower and upper explosion limit	The product is not flammable or explosive.
h) Flash point	The chemical is in solid form, measurement is not feasible.
i) Auto-ignition temperature	Not known
j) Decomposition temperature	Not relevant for classification or hazards associated with the chemical.
k) pH	Not relevant - solid substance that does not dissolve in water
l) Kinematic viscosity	Not relevant (solid)
m) Solubility	0 % (Non soluble)
n) Partition coefficient	Not relevant - does not dissolve in water
o) Vapour pressure	Not relevant due to the form or condition of the chemical.
p) Density and/or relative density	0.95 - 1.2 (water=1)
q) Relative vapour density	Not applicable - does not evaporate
r) Particle characteristics	Round pellets approx. Ø 4mm
9.2 Other information	The physical and chemical properties specified in section 9.1 applies to the product and not to the individual ingredients or propellant gas, unless otherwise stated.
Relative evaporation rate	The product is a non-volatile solid.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No risk of dangerous reactions when the product is used as intended.
10.4 Conditions to avoid	Not known

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10.5 Incompatible materials	Not known
10.6 Hazardous decomposition products	No decomposition during normal storage.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

a) Acute toxicity	Based on available data, the classification criteria are not met.
b) Skin corrosion/irritation	Based on available data, the classification criteria are not met.
c) Serious eye damage/ irritation	Based on available data, the classification criteria are not met.
d) Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
e) Germ cell mutagenicity	Based on available data, the classification criteria are not met.
f) Carcinogenicity	Based on available data, the classification criteria are not met.
g) Reproductive toxicity	Based on available data, the classification criteria are not met.
h) STOT-single exposure	Based on available data, the classification criteria are not met.
i) STOT-repeated exposure	Based on available data, the classification criteria are not met.
j) Aspiration hazard	Based on available data, the classification criteria are not met.
11.2. Information on other hazards	Probable route of exposure: Skin contact.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No eco-toxic effect known. No harmful long-term effects are expected on aquatic organisms.
12.2 Persistence and degradability	All organic components are considered to be biodegradable.
12.3 Bioaccumulative potential	Bioaccumulation is unlikely.
12.4 Mobility in soil	Not known
12.5 Results of PBT and vPvB assessment	The chemical does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.
12.6 Endocrine disrupting properties	The chemical does not contain endocrine disruptors above 0.1%, according to (EU) 2017/2100 or (EU) 2018/605.
12.7 Other adverse effects	Not known

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Disposal group	EWC assessed by the end user. The EWC code are for illustrative purposes only. Always check the waste codes in view of the current state the product is in. The final waste groups and tags must be determined by the user, based on the actual use of the product.
Additional information	The product shall not be allowed to enter drains, waterways, groundwater or the environment.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	n/a
14.3 Transport hazard class(es)	n/a
ADR/RID class	n/a
14.4 Packing group	n/a
14.5 Environmental hazards	n/a
14.6 Special precautions for user	n/a

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

n/a

Additional information

The product is not subject to international regulations on the transport of dangerous goods (IMDG, IATA, ADR / RID).

SECTION 15: REGULATORY INFORMATION

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

COMMISSION DELEGATED REGULATION (EU) 2020/217 of 4 October 2019 (ATP14).

Norwegian Regulations: "FOR-2012-06-16-622 Forskrift om klassifisering, merking og emballering av stoffer og stoffblandinger (CLP)".

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.

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

COMMISSION DIRECTIVE (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU

ADR/RID Regulations on land transport of dangerous goods 2019.

ECHA (European Chemicals Agency) C&L Inventory database.

FOR 2004-06-01 nr 922: Norwegian regulations on the restriction of use of hazardous chemicals and other products "produktforskriften".

DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives.

European Waste Catalogue and Hazardous Waste List Valid from 1 January 2002.

FOR-2015-05-19-541 Forskrift om deklarerer av kjemikalier til produktregisteret (norwegian regulation for product declaration).

15.2 Chemical safety assessment

The information in this safety data sheet should not be regarded as the user's own risk assessment. It is always the user's responsibility to take all necessary steps in order to meet the requirements of the local rules and regulations.

Additional information

Classification of this product is given on the basis of the available information from the vendor.

SECTION 16: OTHER INFORMATION

Key literature references and sources for data

Material safety data sheet from the supplier.

Abbreviations in the document

n/a - No relevant information.
EWC - European Waste Catalogue codes.
vPvB - very Persistent and very Bioaccumulative (require special attention under REACH).
PBT - Persistent, Bioaccumulative and Toxic.
STOT - Toxic effect on certain organs.
bw/day - body weight / day

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Additional information

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--- SAFETY DATA SHEET conforming to commission regulation (EC) 1272/2008 and (EU) 2020/878 ---