

SAFETY DATA SHEET

According to Regulation (EU) 2015/830

Version: 1.0

Revision Date: 06.06.2020

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name / Substance name	SN Substrate
Company product code	47-08
REACH Registration number	A registration number is not available for this substance as the annual tonnage does not require a registration.

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

The uses of the chemical	Laboratory chemicals. Use as a laboratory reagent.
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1.3 Details of the supplier of the Safety Data Sheet

Manufacturer	CardiNor AS
Street address	Gaustadalléen 21
Postcode and post office	0349 Oslo, Norway
Telephone number	+47 92254855
E-mail address	dag.chr@cardinor.com

1.4 Emergency telephone number

Poisoning Information Center	Finland: 09 471 977 (Myrkytystietokeskus) Netherlands: 030 274 88 88 (Nationaal Vergiftigingen Informatie Centrum) Spain: 91 562 04 20 (Servicio de Información Toxicológica) United Kingdom: 0845 46 47 (NHS Direct in England or Wales) or 08454 24 24 24 (NHS 24 in Scotland, UK only)
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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

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

Hazard pictograms:	none
Signal word:	none
Hazard statement(s):	none
Precautionary statement(s):	none
Supplemental Hazard information (EU):	none

2.3 Other hazards

None known.

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

Contains no declarable substances.

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

General notes:	None.
If inhaled:	Move the affected person to fresh air. Keep at rest. If needed: get medical attention.
In case of skin contact:	Remove contaminated clothing and wash with soap and water. If irritation persists: Seek medical advice.
In case of eye contact:	Flush with water or physiological salt water, holding eye lids open, remember to remove contact lenses, if any. If irritation persists: Seek medical advice.
If swallowed:	Rinse mouth and drink plenty of water. Keep under surveillance. If needed: get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause slight irritation of skin, eyes, and gastrointestinal tract.

4.3 Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to a physician or emergency ward.

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

Not combustible; aqueous solution.

5.2 Special hazards arising from the substance or mixture

Not relevant (the product is not combustible).

5.3 Advice for firefighters

When extinguishing surrounding fires use breathing apparatus with an independent source of air.

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

Use personal protective equipment - see section 8.

6.2 Environmental precautions

Avoid empty into drains. If large amounts of the mixture contaminate sewages, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Absorb spilled liquid and place spillage in a plastic container. Further handling of spillage - see section 13.

6.4 Reference to other sections

Instructions for personal protective clothing in Section 8.

Instructions for disposal of the product in Section 13.

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

Avoid contact with skin, eyes and clothing.

7.2 Conditions for safe storage, including any incompatibilities

Long-term storage +2...+8 °C. Keep container closed when not in use. Protected against light.

7.3 Specific end use(s)

No relevant information available.

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

Occupational exposure limits (EH40/2018): None

DNEL/PNEC: No CSR.

8.2 Exposure controls

Appropriate engineering controls None particular.

Eye / face protection Not relevant during normal use. Safety goggles (EN166) when there is risk of eye contact.

Skin protection In case of prolonged or repeated work: Wear protective gloves (EN374) e.g. of nitrile.

Respiratory protection Not relevant during normal use.

Environmental exposure controls Not needed when operating in normal laboratory scale.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	Clear liquid
Odour	Odourless
Odour threshold	Not relevant
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	~100 °C
Flash point	Not relevant
Evaporation rate	No data available
Flammability (solid, gas)	Not relevant
Upper/lower flammability or explosive limits	Not relevant
Vapour pressure	~ 2.3 (hPa, 20°C)

Vapour density	~1 (air = 1)
Relative density	~1 g/ml
Solubility(ies)	Completely soluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	Not relevant
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	Not relevant
Oxidising properties	Not relevant

9.2 Other information

No relevant information available.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

No data available

10.2 Chemical stability

Stable under normal conditions - see section 7.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Excessive heating and freezing.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No known decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

No declarable substances.

Information on likely routes of exposure: Skin and ingestion.

Symptoms (inhalation): Inhalation is unlikely when used as recommended.

Symptoms (Skin): May cause slight irritation.

Symptoms (Eyes): May cause slight irritation.

Symptoms (Ingestion): May cause slight irritation of the gastrointestinal tract.

Chronic effects: None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No declarable substances.

12.2 Persistence and degradability

No declarable substances.

12.3 Bioaccumulative potential

No declarable substances.

12.4 Mobility in soil

No available or applicable data.

12.5 Results of PBT and vPvB assessment

No ingredients are PBT/vPvB, according to the criteria in REACH Annex XIII.

12.6 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal	Small amounts of product can be disposed of to the sewer system if rinsed with plenty of water. Package can be rinsed with water and disposed as burnable waste.
Waste treatment-relevant information	Waste treatment in compliance with local and national regulations.
Sewage disposal-relevant information	Large amount of product must not be disposed of to the sewer.
Other disposal recommendations	No relevant information available.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

None.

14.2 UN proper shipping name

None.

14.3 Transport hazard class(es)

None.

14.4 Packing group

None.

14.5 Environmental hazards

None.

14.6 Special precautions for user

None.

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

Not relevant.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

None.

15.2 Chemical safety assessment

No CSR.

SECTION 16: OTHER INFORMATION

Indication of changes

New safety data sheet.

Abbreviations and acronyms

CSR = Chemical Safety Report

DNEL = Derived No-Effect Level

ECHA = European Chemicals Agency

PBT = Persistent, Bioaccumulative, Toxic

PNEC = Predicted No-Effect Concentration

vPvB = very Persistent, very Bioaccumulative

Training advice for workers

Follow the instructions of use. End users need to have necessary information, advice, and instructions available.

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