

SAFETY DATA SHEET

Version 6.4
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Product Number Sigma - 79911

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

- a. Product name : Kollidon® SR
- Product Number : 79911
- Brand : Sigma
- b. Recommended use of the chemical and restrictions on use : **Identified uses**
Laboratory chemicals, For research use only.
- c. Company : 씨그마알드리치코리아(유)
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금요일 (공휴일 제외)

SECTION 2: Hazards identification**a. GHS Classification**

Not a dangerous substance according to GHS.

b. GHS-Labeling

Not a dangerous substance according to GHS.

c. Other hazards which do not result in classification

none

SECTION 3: Composition/information on ingredients

3a Substances

Synonyms : Polyvinyl acetate / polyvinylpyrrolidone

No components need to be disclosed according to the applicable regulations.

SECTION 4: First aid measures

a. In case of eye contact

Flush eyes with water as a precaution.

b. In case of skin contact

Wash off with soap and plenty of water.

c. If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

d. If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

e. Most important acute symptoms/effects

No data available

Most important delayed symptoms/effects

No data available

f. Notes to physician

No data available

SECTION 5: Firefighting measures

a. Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

b. Specific hazards arising from the chemical

No data available

c. Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

a. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas.

b. Environmental precautions

Do not let product enter drains.

c. Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

a. Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

b. Conditions for safe storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

c. Storage class

Storage class (TRGS 510): 11: Combustible Solids

SECTION 8: Exposure controls/personal protection

a. Control parameters

Contains no substances with occupational exposure limit values.

b. Appropriate engineering controls

No data available

c. Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

General industrial hygiene practice.

SECTION 9: Physical and chemical properties

a. Appearance

Form	powder
Color	white, light yellow

b. Odor	very faint
c. Odor Threshold	No data available
d. pH	ca.4.0 - 5.0 (100 g/l at) at 20 °C
e. Melting point	No data available
f. Initial boiling point	No data available
g. Flash point	No data available
h. Evaporation rate	No data available
i. Flammability (solid, gas)	No data available
j. Lower explosion limit	No data available
Upper explosion limit	No data available
k. Vapor pressure	No data available
l. Water solubility	No data available
m. Relative vapor density	No data available
n. Density	No data available
o. Partition coefficient: n- octanol/water	No data available
p. Autoignition temperature	No data available
q. Decomposition temperature	No data available
r. Viscosity, dynamic	No data available
Viscosity, kinematic	No data available
s. Molecular weight	No data available

SECTION 10: Stability and reactivity

a. Chemical stability

Stable under recommended storage conditions.

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b. Possibility of hazardous reactions

No data available

c. Conditions to avoid

Avoid heating above: 30°C

d. Incompatible products

Strong oxidizing agents

e. Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

Other decomposition products - No data available

Thermal decomposition

No data available

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

Oral: No data available

Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

11.2 Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

SECTION 13: Disposal considerations

a. Disposal methods

Offer surplus and non-recyclable solutions to a licensed disposal company.

b. Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

IMDG

Not dangerous goods

IATA

Not dangerous goods

Further information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

a. Regulation under the Occupational Safety and Health Act

Harmful Substances Required Permission for Manufacture - Not relevant

Harmful Substances Prohibited from Manufacturing - Not relevant

Carcinogenic Substances - Not relevant
Controlled Substances Subject to Environment Monitoring - Not relevant
Controlled Substances Subject to Health Examination - Not relevant
Hazardous substances requiring management - Not relevant

b. Act on the Registration and Evaluation, etc. of Chemical Substances, Chemicals Control Act

Toxic Chemicals - Not relevant
Observational chemicals - Not relevant
Restricted Chemicals - Not relevant
Prohibited Chemicals - Not relevant
Accident Precaution Chemicals - Not relevant

c. Dangerous Substances Safety Management Act

Not relevant

d. Waste Control Act

Follow article 13 of the act to dispose the product waste

e. Other regulations

KECI Number

Not in compliance with the inventory

CAS-No.

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SECTION 16: Other information

a. List of references

b. Issuing date: 2019.05.03

c. Version: 6.4 Revision Date 2024.07.26

e. Further information

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