

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

NAME	ORDER NO.	AMOUNT	SYMBOL
Coenzyme A	102521	25mg	---
	102211	250mg	---
	102212	500mg	---
	102213	1g	---

PJK GmbH

Elsaesserstr. 51 - 66271 Kleinblittersdorf - Germany

Phone: +49 (0)6805-91 20 22 - Fax: +49 (0)6805- 91 20 24

info@pjk-gmbh.com, www.pjk-gmbh.com

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier**Trade name:** *Coenzyme A***Article number:** 102521/102211/102212/102213**CAS Number:**

85-61-0

Relevant identified uses of the substance or mixture and uses advised against**Application of the substance / the preparation** *Laboratory chemical***Details of the supplier of the safety data sheet****Manufacturer/Supplier:***PJK GmbH**Elsaesser Strasse 51**66271 Kleinblittersdorf**Germany**Phone: +49 (0)6805 91 20 22**Fax: +49 (0)6805 91 20 24**info@pjk-gmbh.com***Further information obtainable from:** *Department Health, Safety and Environment***Emergency telephone number:** *Poison Centre Munich Telefon**+49/(0)89 19240*

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture**Classification according to Directive 67/548/EEC or Directive 1999/45/EC***Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.**This substance is not classified as dangerous according to Directive 67/548/EEC.***Classification system:****Label elements****Labelling according to EU guidelines:***The product does not need to be labelled in accordance with EC directives or respective national laws.***Other hazards** - *none*

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation:**Description:****Substances***Synonyms : CoA**Formula : C₂₁H₃₆N₇O₁₆P₃S**Molecular Weight : 767,53 g/mol***Dangerous components:** *none*

4. FIRST AID MEASURES

Description of first aid measures**If inhaled***If breathed in, move person into fresh air. If not breathing, give artificial respiration.***In case of skin contact***Wash off with soap and plenty of water.***In case of eye contact***Flush eyes with water as a precaution.***If swallowed***Never give anything by mouth to an unconscious person. Rinse mouth with water.***Most important symptoms and effects, both acute and delayed***To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.*

PJK GmbH

Elsaesserstr. 51 - 66271 Kleinblittersdorf - Germany

Phone: +49 (0)6805-91 20 22 - Fax: +49 (0)6805- 91 20 24

info@pjk-gmbh.com, www.pjk-gmbh.com

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

TRADE NAME: COENZYME A

Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

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

Special hazards arising from the substance or mixture

no data available

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

no data available

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

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

Reference to other sections

For disposal see section 13.

7 HANDLING AND STORAGE

Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities

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

Recommended storage temperature: -20 °C

Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components with workplace control parameters

Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

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

Skin protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

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.

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.

PJK GmbH

Elsaesserstr. 51 - 66271 Kleinblittersdorf - Germany

Phone: +49 (0)6805-91 20 22 - Fax: +49 (0)6805- 91 20 24

info@pjk-gmbh.com, www.pjk-gmbh.com

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

TRADE NAME: COENZYME A

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).

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance Form:	crystalline
Colour:	beige
Odour	no data available
Odour Threshold	no data available
pH	no data available
Melting point/freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	no data available
Partition coefficient: octanol/water	no data available
Autoignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Other safety information	no data available

10. STABILITY AND REACTIVITY

Reactivity

no data available

Chemical stability

no data available

Possibility of hazardous reactions

no data available

Conditions to avoid

no data available

Incompatible materials

no data available

Hazardous decomposition products

Hazardous decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

PJK GmbH

Elsaesserstr. 51 - 66271 Kleinblittersdorf - Germany

Phone: +49 (0)6805-91 20 22 - Fax: +49 (0)6805- 91 20 24

info@pjk-gmbh.com, www.pjk-gmbh.com

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

TRADE NAME: COENZYME A

Germ cell mutagenicity

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation *May be harmful if inhaled. May cause respiratory tract irritation.*

Ingestion *May be harmful if swallowed.*

Skin *May be harmful if absorbed through skin. May cause skin irritation.*

Eyes *May cause eye irritation.*

Signs and Symptoms of Exposure

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

Additional Information

RTECS: Not available

12. Ecological information

Reproductive toxicity

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation *May be harmful if inhaled. May cause respiratory tract irritation.*

Ingestion *May be harmful if swallowed.*

Skin *May be harmful if absorbed through skin. May cause skin irritation.*

Eyes *May cause eye irritation.*

Signs and Symptoms of Exposure

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

Additional Information

RTECS: Not available

13. Disposal considerations

Waste treatment methods

Product

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

Contaminated packaging

Dispose of as unused product

14. Transport information

UN number

ADR/RID: -

IMDG: -

IATA: -

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

PJK GmbH

Elsaesserstr. 51 - 66271 Kleinblittersdorf - Germany

Phone: +49 (0)6805-91 20 22 - Fax: +49 (0)6805- 91 20 24

info@pjk-gmbh.com, www.pjk-gmbh.com

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

TRADE NAME: COENZYME A

IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

Packaging group

ADR/RID: - IMDG: - IATA: -

Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

Special precautions for user

no data available

15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

no data available

Chemical Safety Assessment

no data available

16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. PJK shall not be held liable for any damage resulting from handling or from contact with the above product.

PJK GmbH

Elsaesserstr. 51 - 66271 Kleinblittersdorf - Germany

Phone: +49 (0)6805-91 20 22 - Fax: +49 (0)6805- 91 20 24

info@pjk-gmbh.com, www.pjk-gmbh.com