Safety Data Sheet

according to OHSA HCS 29 CFR 1910.1200(g)

Trade name: **Coenzyme A – Sodium Salt** Revision date: 11/02/2026
Catalog No: 308

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifiers

Product name: **Coenzyme A - Sodium Salt**

Catalog No.: 308
Manufacturer: Prolume / NanoLight

CAS-no.: 55672-92-9
EC-no.: 2597478

Other means of identification: Coenzyme A-Na, CoA-Na

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

Identified uses: laboratory chemical

Details of the supplier of the safety data sheet

Supplier: Prolume
P.O. Box 2746
Pinetop, AZ 85935
USA

phone: +1 928-367-1200

email: info@prolume.com

Emergency telephone number

Phone: +1 928-367-1200

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

Not a hazardous substance or mixture by GHS classification in accordance with 29 CFR 1910 (OSHA HCS) and No 1272/2008 [CLP] (EC)

GHS label elements including precautionary statements

Pictogram NONE
Signal word NONE
Hazard statement
Precautionary NONE
statements: NONE

NFPA ratings (scale 0-4)
Health = 0
Fire = 0
Reactivity = 0

HMIS-ratings (scale 0-4)
Health = 0
Fire = 0
Reactivity = 0

Hazards not otherwise classified (HNOC) or not covered by GHS

none

3. COMPOSTION/INFORMATION ON INGREDIENTS

Substances

Synonyms:	Coenzyme A- Sodium Salt (SH-CoA or CoA-SH)
Formula:	$C_{21}H_{36}N_7O_{16}P_3S \bullet xNa^+ \bullet yH_2O$
Molecular Weight:	767.5 g/mol
CAS-No.:	55672-92-9

4. FIRST AID MEASURES

Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact
Wash off with soap and plenty of water. Consult a physician.
In case of eye contact
Flush eyes with water as a precaution.
If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

None

Indication of any immediate medical attention and special treatment needed

No further relevant data available

5. FIREFIGHTING MEASURES

Suitable extinguishing media
Water, dry chemical, carbon dioxide, or standard foam
Special protective equipment for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTIAL RELEASE MEASURES

Personal precautions
Avoid breathing vapors, mist or gas. Remove all sources of ignition.
Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Wipe surface with moist towel.

7. HANDLING AND STORAGE

Precautions for safe handling
Avoid inhalation of vapor or mist. Avoid direct contact with substance.
Conditions for safe storage
Keep container tightly closed in a dry and well-ventilated place. Store desiccated at -20°C.
Product is light sensitive. Protect from light at all times.

8. EXPOSURE CONTROLS – PERSONAL PROTECTION

Components with workplace control parameter
Substance: Coenzyme A

Control parameter: No information available

Personal protective equipment
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.

Respiratory protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Coenzyme A – Sodium Salt
Appearance	Off white crystalline powder
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point / freezing point	100-200C
Boiling point	No data available
Flash point	Combustible
Evaporate rate	No data available
Flammability	No data available
Explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubility	Soluble to 50 mg/ml
Partition coefficient: n-octoanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

10. STABILITY AND REACTIVITY

Reactivity: No data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No data available.

Conditions to avoid: no data available

Materials to avoid: no data available

Hazardous decomposition products: Thermal decomposition may release acrid smoke and irritating fumes

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral LD50	None
Inhalation LC50	None
Dermal LD50	None

Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: May be irritating in dust form

Respiratory or skin sensitization: May be irritating to respiratory tract & mucus membranes

Germ cell mutagenicity: no data available

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.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System): no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System): no data available

Aspiration hazard: no data available

Additional Information RTECS: None

12. ECOLOGICAL INFORMATION

Toxicity: no information available

Persistence and degradability: no information available

Biodegradation: no information available

Mobility in soil: no information available

Results of PBT and vPvB assessment: no information available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS

Do not dispose product directly into sewage. Consult local state or national regulation for proper disposal.

14. TRANSPORT INFORMATION

IATA, IMDG, DOT(US) not a dangerous good

UN number: none

UN proper shipping name: none

Transport hazard class: none

Packing group: none

Environmental hazards: none

Special precaution for user: none

15. REGULATORY INFORMATION

US Federal Regulations US Toxic Substances Control Act (TSCA): Not listed

SARA 302: No chemicals were found.

SARA 313: No chemicals were found.

SARA 311/312 Hazards: No chemicals were found.

16. OTHER INFORMATION

Classification according to Regulation (EC) Nr. 1272/2008

Prepared by: Regulatory Department - Prolume Inc.

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Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. Prolume shall not be held liable for any damage resulting from handling or contact with the above product.

Department issuing SDS:

Prolume Inc.
P.O. Box 2746
Pinetop, AZ 85935

Date of preparation / revision: 11/02/2026

Abbreviations and acronyms:

DOT: US Department of Transportation
IATA: International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods
ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health