Penta Fine Ingredients, Inc.
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# SAFETY DATA SHEET

Revision Date: 11/14/2024
Print Date: 9/11/2026

## 1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|---|---|
| Product Name | ADENOSINE COSMETIC GRADE |
| Product Number | 01-11725 |
| Brand | Penta |
| Identified Uses | Manufacture of substances |
| Company | Penta Fine Ingredients, Inc.<br>4 Dedrick Place<br>West Caldwell NJ 07006 U.S.A. |
| Telephone | (973)740-2300 |
| Fax | (973)740-1839 |
| Emergency Phone | (800)424-9300 24-Hrs |

## 2. HAZARD(S) IDENTIFICATION

**Emergency Overview**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**
Acute toxicity, Oral (Category 4)
Skin Corrosion / Irritation (Category 2)
Sensitisation, Skin (Category 1)
Serious Eye Damage / Eye Irritation (Category 2B)
Acute, toxicity, Inhalation (Category 5)

**GHS Label elements, including precautionary statements**

Pictogram:

| | |
|---|---|
| Signal word | Warning |
| Hazard statement(s) | |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H320 | Causes eye irritation |
| H333 | May be harmful if Inhaled |
| Precautionary statement(s) | |

| | |
|---|---|
| P102 | Keep out of reach of children. |
| P103 | Read label before use. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P264 | Wash skin thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P280 | Wear protective gloves, protective clothing, eye and face protection. |
| P301, P312 | IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. |
| P302, P352 | IF ON SKIN wash with plenty of soap and water. |
| P304, P340 | IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. |
| P305, P351, P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P311 | Call a POISON CENTER or doctor/physician. |
| P330 | Rinse mouth. |
| P332, P313 | IF SKIN irritation occurs: Get medical advice/attention. |
| P333, P313 | IF SKIN irritation or rash occurs: Get medical advice/attention. |
| P337, P313 | If eye irritation persists, get medical attention. |
| P362 | Take off contaminated clothing and wash before reuse. |
| P363 | Wash contaminated clothing before reuse. |
| P403, P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405 | Store locked up. |
| P501 | Dispose of contents/ container to an approved waste disposal plant. |
| P505 | Consult SDS before using material. |

**Potential Health Effects**

| | |
|---|---|
| **Inhalation** | May be harmful if inhaled. May cause respiratory tract irritation. |
| **Skin** | May be harmful if absorbed through skin. May cause skin irritation |
| **Eyes** | May cause eye irritation. |
| **Ingestion** | May be harmful if swallowed. |

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|---|---|
| SYNONYM | N/A |
| Formula | C10 H13 N5 O4 |
| Molecular Weight | 267.24 g/mol |

| CAS-No | EC-No | Index-No. | Concentration |
|---|---|---|---|
| 58-61-7 | N/A | N/A | N/A |

## 4. 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 unconsious person. Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed**
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indication of any immediate medical attention and special treatment needed**
no data available

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for firefighters**
Wear self contained breathing apparatus for fire fighting if necessary.

**Hazardous combustion products**
Hazardous decomposition products formed under fire conditions. - Carbon oxides

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**
Avoid breathing vapours, mist or gas.

**Environmental precautions**
Do not let product enter drains.

**Methods and materials for containment and cleaning up**
Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**
Normal measures for preventive fire protection.

**Conditions for safe storage**
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

**Respiratory protection**
Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. 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.

**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**
Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**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

**Appearance**

| | |
|---|---|
| Form | Solid |
| Colour | White crystalline |

**Safety data**

| | |
|---|---|
| pH | no data available |
| Melting point (°C) | 234 |
| Boiling point (°C) | no data available |
| Flash point (°F) Closed cup | >200 |
| Ignition temperature | no data available |
| Autoignition temperature | no data available |
| Lower explosion limit | no data available |
| Upper explosion limit | no data available |

| | |
|---|---|
| Vapour pressure (mm Hg @20 °C) | no data available |
| Density @25 °C | no data available |
| Water solubility | Slightly |
| Partition coefficient: n-octanol/water | no data available |
| Relative vapour density | no data available |
| Odor | Characteristic |
| Odour Threshold | no data available |
| Evaporation rate | no data available |

## 10. STABILITY AND REACTIVITY

**Chemical stability**
Stable under recommended storage conditions.

**Possibility of hazardous reactions**
no data available

**Conditions to avoid**
no data available

**Materials to avoid**
Strong oxidizing agents

**Hazardous decomposition products**
no data available

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

**Oral LD50 -** no data available
**Inhalation LC50 -** no data available
**Dermal LD50 -** no data available

**Other information on 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

**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

**Teratogenicity**
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

**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

**Toxicity**

no data available

**Persistence and degradability**
no data available

**Bioaccumulative potential**
no data available

**Mobility in soil**
no data available

**PBT and vPvB assessment**
no data available

**Other adverse effects**
no data available

## 13. DISPOSAL CONSIDERATIONS

**Product**
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**
Dispose of as unused product

## 14. TRANSPORT INFORMATION

**DOT (US)**
Not dangerous goods.

**IMDG**
Not dangerous goods.

**IATA**
Not dangerous goods.

## 15. REGULATORY INFORMATION

**SARA 302 Components**
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title Ill, Section 313.

**SARA 311/312 Hazards**
No SARA hazards

**Massachusetts Right To Know Component**
No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Component**
No components are subject to the Pennsylvania Right to Know Act.

**New Jersey Right To Know Component**
No components are subject to the New Jersey Right to Know Act.

**California Prop. 65 Components**
This product does not contain any chemicals known to State of California to cause caner, birth defects, or any other reproductive harm.

## 16. OTHER CATEGORIES

**Safety Data Sheet prepared by: Penta**

**The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Penta's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the products improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission in the SDS. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.**