

AMPICILLIN SODIUM

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: Ampicillin sodium
Product Code: 2007
CAS#: 69-52-3
Synonym: Not available
Chemical Name: Not available
Chemical Formula: $C_{16}H_{18}N_3NaO_4S$
Formula weight: 371.4

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:

Name: Ampicillin sodium

Toxicological Data on Ingredients: Resp. Sens. 1A; Skin, Sens. 1A; H334, H317

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Respiratory sensitization (Category 1), H334

Skin sensitization (Category 1), H317

Potential Acute Health Effects: Not available

Potential Chronic Health Effects: Not available

Carcinogenic Effects: Not available

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Developmental Toxicity: Not Available

Specific target organ toxicity - Not Available

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

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: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delay: No data available

Indication of any immediate medical attention and special treatment needed: No data available

SECTION 5: FIRE AND EXPLOSION DATA

Extinguishing media

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special hazards arising from the substance or mixture

Carbon oxides

Nitrogen oxides (NOx)



Combustible.

Development of hazardous combustion gases or vapours possible in the event of fire.

Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Environmental precautions 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.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling : Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

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 2 - 8 °C

Storage Class:

Storage class (TRGS 510): 13: Non Combustible Solids

Specific end use(s) A part from the uses:

No other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face 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).

Skin 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.

Body Protection Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------------|-----------------|
| Appearance Form | : Solid |
| Colour | : Light yellow |
| Odour | : Not available |
| Odour Threshold | : Not available |
| pH | : Not available |
| Melting point/freezing point | : 215°C |
| Initial boiling point and boiling range | : Not available |
| Flash point | : Not available |
| Evaporation rate | : Not available |
| Flammability (solid, gas) | : Not available |



| | |
|----------------------------------------------|-----------------|
| Upper/lower flammability or explosive limits | : Not available |
| Vapour pressure | : Not available |
| Vapour density | : Not available |
| Relative density | : Not available |
| Water solubility | : Not available |
| Partition coefficient | : Not available |
| Auto-ignition temperature | : Not available |

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity: Not available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions: Not available.

Conditions to avoid : Not available.

Incompatible materials: Oxidizing agents

Hazardous decomposition products **Other decomposition products** - In the event of fire

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:

LD50 Oral - Rat - > 5.314 mg/kg

Inhalation: No data available

Serious eye damage/eye irritation:

Not available

Respiratory or skin sensitization

Not available

Carcinogenicity: no data available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:

Not available.

Persistence and degradability:

Not Available.

Bioaccumulative potential : Not available

Mobility in soil no data available

Results of PBT and vPvB assessment **PBT/vPvB assessment** not available

Other adverse affects no data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

UN number:

ADR/RID:

IMDG:

IATA:



UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

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: Yes

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

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

Other regulations

Take note of Dir 94/33/EC on the protection of young people at work.

SECTION 16: OTHER INFORMATION**References: Full text of H AND R-Statements.**

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Special Considerations: Not available

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