

Identification of the substance or preparation:

SIHA Fermentation Salt (diammoniumphosphate)

Fermentation Salt (diammoniumphosphate)

Revision date: 10.09.2009 / 11.10.2012 **Version:** 2 **Date of print:** 11.10.2012

Powering Business Worldwide

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifiers****SIHA Fermentation Salt (diammoniumphosphate)****Fermentation Salt (diammoniumphosphate)**

The substance does not require registration according to Regulation (EC) No 1207/2006 [REACH]: X

Use of the substance/ preparation: Yeast Nutrient**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Supplier (manufacturer/importer/
downstream user/distributor):** Eaton Technologies GmbHBegerow Product Line
An den Nahewiesen 24
55450 Langenlonsheim**Telephone:**

+49 6704 204-0

Telefax:

+49 6704 204-121

E-mail (competent person):

SDB@Eaton.com

Dept. responsible for information:

Produktmanagement

Only available during office hours.

Information telephone:

+49 6704 204-0

1.4. Emergency telephone number**Dept. responsible for information:**

Produktmanagement

Only available during office hours.

Emergency telephone:

+49 6704 204-0

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP):**

none/none

Classification according to Directive 67/548/EEC or 1999/45/EC:

none/none

Further remarks:

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

2.2. Label elements**2.3. Other hazards****Possible harmful physico-chemical effects:**

not applicable

Possible harmful effect(s) on human beings and possible symptom(s):

not applicable

Possible harmful effect(s) on the environment:

not applicable

Identification of the substance or preparation:

SIHA Fermentation Salt (diammoniumphosphate)

Fermentation Salt (diammoniumphosphate)

Revision date: 10.09.2009 / 11.10.2012 **Version:** 2 **Date of print:** 11.10.2012

SECTION 3: Composition / Information on ingredients

Chemical characterization (preparation):Diammoniumhydrogenphosphate ((NH₄)₂HPO₄)

CAS No. 7783-28-0; EINECS No. 231-987-8

plus anticaking agent

SECTION 4: First aid measures

4.1. Description of first aid measures**General information:**

First aider: Pay attention to self-protection!

After inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with: Water.

In case of skin irritation, consult a physician.

Take off immediately all contaminated clothing.

In case of eye contact:

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion:

Rinse mouth thoroughly with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Let water be drunk in little sips (dilution effect). Do not induce vomiting. Consult physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

In case of eye contact:

No risks worthy of mention.

The following symptoms may occur: Causes eye irritation. Erythema (redness)

After inhalation

No risks worthy of mention.

The following symptoms may occur: Cough, Inhalation of dust may cause irritation of the respiratory system.

In case of skin contact:

No risks worthy of mention.

The following symptoms may occur: Erythema (redness)

After ingestion:

No risks worthy of mention.

The following symptoms may occur: Gastrointestinal complaints.

4.3. Indication of any immediate medical attention and special treatment needed**Information to physician:**

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media:**Water. Carbon dioxide (CO₂). Foam. Extinguishing powder.**Extinguishing media which must not be used for safety reasons:**

High power water jet.

5.2. Special hazards arising from the substance or mixture

Identification of the substance or preparation:

SIHA Fermentation Salt (diammoniumphosphate)

Fermentation Salt (diammoniumphosphate)

Revision date: 10.09.2009 / 11.10.2012 **Version:** 2 **Date of print:** 11.10.2012**Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:**In case of fire may be liberated: Nitrogen oxides (NO_x). Phosphorus oxides.**5.3. Advice for firefighters****Special protective equipment for firefighters:**

In case of fire: Wear self-contained breathing apparatus.

Keep unprotected people away and stay on the upwind side.

First aider: Pay attention to self-protection!

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures**Personal precautions:**

Self-protection of the first aider . Avoid generation of dust. Wear personal protection equipment.

6.2. Environmental precautions**Environmental measures:**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up:**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections**Additional information:**

Provide adequate ventilation.

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advices on safe handling:**

Wear personal protection equipment.

Avoid generation of dust. Provide for sufficient ventilation and punctiform suction at critical points.

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storerooms and containers:**

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed and dry.

Protect against: Heating, Humidity, UV-radiation/sunlight. Always close containers tightly after the removal of product.

Do not store at temperatures over: 45 °C

Further information on storage conditions:

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Keep away from food, drink and animal feeding stuffs.

Storage class: 10-13**7.3. Specific end use(s)**

SECTION 8: Exposure controls/personal protection

8.1. Control parameters**8.2. Exposure controls****Technical measures:**

Provide for sufficient ventilation and punctiform suction at critical points.

No special technical protective measures are necessary.

Respiratory protection: Respiratory protection necessary at/for: insufficient ventilation.

Suitable respiratory protection apparatus: Filtering device (DIN EN 147). P 2

Identification of the substance or preparation:

SIHA Fermentation Salt (diammoniumphosphate)

Fermentation Salt (diammoniumphosphate)

Revision date: 10.09.2009 / 11.10.2012 **Version:** 2 **Date of print:** 11.10.2012

Suitable material: The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Eye protection: Eye glasses.

Body protection: Wear personal protection equipment. Wash contaminated clothing prior to re-use.

General protection and hygiene measures:

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

The following shall be existing in the immediate working surrounding: emergency shower installed. Provide eye shower and label its location conspicuously.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: solid (crystalline)

Colour: whitish

Odour: Ammonia

Important health, safety and environmental information:

| | | | Unit | | | Method | |
|--------------------------------|---|-------|------|-------|----|--------|----------------------------|
| pH: | 7 | - 8 | | at °C | 20 | 1% ig | <i>in aqueous solution</i> |
| Melting point / melting range: | | - 155 | °C | | | | |

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity**

No data available

10.2. Chemical stability

Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials

Reacts with : Water.

10.6. Hazardous decomposition products

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Irritant and corrosive effects:**

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: Not an irritant.

Repeated dose toxicity:

No risks worthy of mention.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

No risks worthy of mention.

Identification of the substance or preparation:

SIHA Fermentation Salt (diammoniumphosphate)

Fermentation Salt (diammoniumphosphate)

Revision date: 10.09.2009 / 11.10.2012 **Version:** 2 **Date of print:** 11.10.2012**Additional information:**

Possible harmful effect(s) on human beings and possible symptom(s):

No risks worthy of mention.

In case of eye contact: Erythema (redness) , irritant.

After inhalation : Cough

In case of skin contact: Erythema (redness)

After ingestion: Gastrointestinal complaints.

SECTION 12: Ecological information

12.1. Toxicity**Aquatic toxicity:**

Acute fish toxicity Labeo boga

EC50: 0,3 mg/l

12.2. Persistence and degradability**Method:**

According to the present state of knowledge negative ecological effects are not expected.

Further details:

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

This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods**Recommendation:**

The disposal of the product has to be carried out in accordance with the legal requirements. EWC waste codes are strictly industry-oriented, therefore waste classification has to be done by the waste producer.

Contaminated packaging:**Recommendation:**

Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1. Land transport (ADR/RID)**14.2. Inland waterway craft (ADN/ADNR)****14.3. Sea transport (IMDG)****14.4. Air transport (ICAO-TI / IATA-DGR)****14.5. Additional information:**

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

Identification of the substance or preparation:

SIHA Fermentation Salt (diammoniumphosphate)

Fermentation Salt (diammoniumphosphate)

Revision date: 10.09.2009 / 11.10.2012 **Version:** 2 **Date of print:** 11.10.2012**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class:** 1 **Source:** Anh. 3**Technische Anleitung Luft (TA-Luft):**

| | |
|----------------|-----------------------------|
| Ziffer: | Gewichtsanteil in %: |
| 5.2.1 | 98-100 % |

SECTION 16: Other information

Further remarks:

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

E-mail (competent person):

SDB@Eaton.com