

Safety data sheet
according to Commission Regulation (EU) 453/2010

Printing date 24.04.2015

Version number 2

Revision: 23.04.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1. Product identifier**
 - **Trade name: Sodium aluminium phosphate**
 - **CAS Number:**
7785-88-8
 - **EC number:**
232-090-4
 - **1.2. Relevant identified uses of the substance or mixture and uses advised against** Food additive
 - **1.3. Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
Fosfa a.s.
Hranicni 268/120
691 41 Breclav-Postorna
Czech Republic
Company reg. no.:00152901
Taxpayer reg. no.:298-00152901
Tel.: +420 519 306 111
Fax.:+420 519 326 128
E-mail: fosfa@fosfa.cz
www.fosfa.cz
 - **Competent person responsible for the Safety Data Sheet**
E-mail : MSDS@fosfa.cz
Tel.: +420 519 306 407
Tel.: +420 519 306 335
Tel.: +420 519 306 286
 - **1.4. Emergency telephone number:**
Toxicological info center
Na Bojisti 1
120 00 Praha 2
Czech Republic
+420 224 919 293, +420 224 915 402 (nonstop)
e-mail: tis@mbox.cesnet.cz
- Clinical Toxicology and Berlin Poison Information Centre
Institute of Toxicology
Oranienburger Str 285
Berlin
Telephone: +49 30 3068 6711
Fax: +49 30 3068 6799
Emergency telephone: +49 30 192 40
E-mail address: mail@giftnotruf.de
Hours of operation: 24hrs

SECTION 2: Hazards identification

- **2.1. Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Eye Dam. 1 H318 Causes serious eye damage.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
Xi; Irritant
R41: Risk of serious damage to eyes.
- **Classification system:**
Classification complies with the latest edition of the EU-list and is extended by company and literature data.
- **2.2. Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The substance is classified and labelled according to the CLP regulation.

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· Hazard pictograms



GHS05

· Signal word *Danger*

· Hazard statements

H318 Causes serious eye damage.

· Precautionary statements

*P280 Wear protective gloves/protective clothing/eye protection/face protection.**P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**P310 Immediately call a POISON CENTER/doctor.*· Other hazards: *Not known.*

· Classification system:

· **Eye contact:** *May cause serious eye damage.*· **Skin contact:** *May cause skin irritation.*· **Ingestion:** *Harmful if swallowed.*· **Inhalation:** *Inhaling of particles may cause mild irritation of the respiratory system.*· **2.3. Other hazards** *None*

· Results of PBT and vPvB assessment

· **PBT:** *Not applicable.*· **vPvB:** *Not applicable.*

SECTION 3: Composition/information on ingredients

· 3.1. Substances

· CAS No. Description

7785-88-8 Sodiumaluminium phosphate

· Identification number(s)

· EC number: 232-090-4

SECTION 4: First aid measures

· 4.1. Description of first aid measures

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.· **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*

· After eye contact:

*Rinse opened eye for several minutes under running water.**Seek immediate medical advice.*

· After swallowing:

*Rinse out mouth and then drink plenty of water.**Do not induce vomiting; call for medical help immediately.*

· Information for doctor:

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

No further relevant information available.

· 4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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SECTION 5: Firefighting measures

- **Extinguishing media**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **Extinguishing media which shall not be used for safety reasons:** Not known.
- **5.2. Special hazards arising from the substance or mixture** Not known.
- **Advice for firefighters:** Wear fully protective suit.
- **Additional information** Not explosive. Not auto-flammable. Not flammable.

SECTION 6: Accidental release measures

- **6.1. Personal precautions, protective equipment and emergency procedures**
During manipulation wear protective aids
- **6.2. Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **6.3. Methods and material for containment and cleaning up:**
Dispose of the material collected according to regulations.
- **6.4. Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1. Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2. Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from water.
- **Further information about storage conditions:** Store in dry conditions.
- **Recommended storage temperature:** 5 - 25 °C
- **7.3. Specific end use(s)** According to the instructions on the package label.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** see item 5, 6, 7
- **8.1. Control parameters**
- **Control parameters:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2. Exposure controls**
- **8.2.1. Occupational exposure controls:**
The usual precautionary measures are to be adhered to when handling chemicals.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Hand protection:** Protective gloves
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

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- **Eye protection:** Goggles recommended during production.
- **Skin protection:** Protective work clothing
- **Exposure controls of users/consumers:**
Use protective gloves for manipulation with product. For choosing suitable gloves see chapter 8.2.1.
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Wash hands at the end of work with product.
- **8.2.2. Environmental exposure controls:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 9: Physical and chemical properties

· 9.1. Information on basic physical and chemical properties

- **Appearance:**
 - Physical state: Crystalline powder
 - Colour: White
- **Odour:** Odourless
- **Odour threshold:** Not determined.

· **pH-value (10 g/l) at 20 °C (68 °F):** 2.0 - 3.0

· Important health, safety and environmental information:

- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** Undetermined.
- **Flash point:** Not applicable.

- **Flammability (solid, gas):** Not applicable.
- **Ignition temperature:** Not applicable.

- **Decomposition temperature:** Not determined.
- **Self-igniting:** Not determined.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**
 - Lower: Not determined.
 - Upper: Not determined.
- **Oxidising properties:** None.
- **Vapour pressure:** Not determined.
- **Density:** Undetermined.

- **Bulk density at 20 °C (68 °F):** 900 g/l
- **Relative density:** Not determined.
- **Vapour density:** Not determined.
- **Evaporation rate:** Not applicable.
- **Solubility:**
 - Water solubility: Partly soluble.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
 - Dynamic: Not determined.
 - Kinematic: Not determined.
- **9.2. Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1. Reactivity** No known.
- **10.2. Chemical stability** Stable at recommended storage conditions.
- **10.3. Possibility of hazardous reactions** No dangerous reactions known.
- **10.4. Conditions to avoid** No further relevant information available.

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- **10.5. Incompatible materials:** No further relevant information available.
- **10.6. Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1. Information on toxicological effects**
- **Acute toxicity:** Undetermined.
- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitisation:** No sensitising effects known.
- **Toxicokinetics, metabolism and distribution:** Not determined.
- **Acute effects (acute toxicity, irritation and corrosivity):** Irritant
- **Sensitisation:** Not known.
- **Repeated dose toxicity:** Not known.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** Not known.

SECTION 12: Ecological information

- **12.1. Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2. Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **12.3. Bioaccumulative potential** No further relevant information available.
- **12.4. Mobility in soil** No further relevant information available.
- **12.5. Results of PBT and vPvB assessment** Undetermined.
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6. Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1. Waste treatment methods**
- **Recommendation** Based on legislation requirements
- **Waste disposal key:**
06 09 99 Wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes, not otherwise specified.
- **Uncleaned packaging:**
Waste disposal key:
15 01 01 Paper and cardboard packaging
15 01 02 Plastic packaging
Waste disposal key:
15 01 08 * Packaging containing residues of hazardous substances or contaminated packaging these substances
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

non hazard classification according to ADR

- **14.1 Number OSN**
- **ADR, ADN, IMDG, IATA** Void

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· 14.2. UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3. Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5. Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	-

SECTION 15: Regulatory information

· **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **National regulations:**

· **EU directives:**

Commission Regulation (EU) No. 453/2010 of 20 May 2010 amending Regulation of the European Parliament and Council Regulation (EC) No 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. 2000/532/EC: Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended.

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances, as amended.

Regulation of the European Parliament and of the Council (EC) No 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

COMMISSION REGULATION (EU) No 231/2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council.

· **15.2. Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Training advice:** Once a year according to this material safety data sheet.

· **Recommended restrictions on use (i.e. non-statutory recommendations by supplier):** none

· **Further information (written references and/or technical contact point):** e-mail: msds@fosfa.cz

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

· **Sources of key data used to compile the Safety Data Sheet:** Material safety data sheets of raw materials.