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AakoEmu PCP		18730000

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Identification of the product : Solid.
 CAS nr : 019035-79-1
 EC nr : 242-768-1
 Ref. n° : 18730000

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

Use : Emulsifier.
 Cosmetics

1.3. Details of the supplier of the safety data sheet

Company identification : AAKO B.V.
 Arnhemseweg 87, 3832GK Leusden, The Netherlands
 P.O. Box 205, 3830AE, Leusden, The Netherlands
 Phone: (+31) (0) 33 494 84 94
 Fax: (+31) (0) 33 494 80 44
 regulatory@aako.nl

1.4. Emergency telephone number

Emergency phone number : See supplier. (Telephone number is accessible only during business hours.)
 or
 Call local Poison Control Centre for assistance
 BE : +32 70 245 245
 NL : +31 30 274 88 88 This service is only available to health professionals.
 DE : +49 30 19240
 DK : +45 3531 3531
 FI : Helsinki University Central Hospital Poison Information Centre,
 tel +358 9 4711, at. 8.00 - 22.00 direct +358 9 471 977
 NO : +47 22 591300
 SE : +46 8 33 12 31 or +46 20 99 60 00 (Kemikakuten)

2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

: Xi; R41

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

• Health hazards : Serious eye damage - Category 1

2.2. Label elements

Labelling Regulation EC 1272/2008 (CLP)

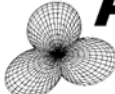
• Hazard pictograms



• Hazard pictograms code : SGH05
 • Signal words : Danger
 • Hazard statements : H318 - Causes serious eye damage.
 • Precautionary statements
 - Prevention : P280 - Wear protective gloves, protective clothing, eye protection, face protection.
 - Response : P305/351/338 - 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 or doctor.

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2. Hazards identification (continued)

2.3. Other hazards

Risk of serious damage to eyes.
Dust may form explosive mixture in air.

3. Composition/information on ingredients

Composition		: Substance					
Substance name		Value(s)	CAS nr	EC nr	EC annex	REACH	CERTIFICATE
Potassium hexadecyl hydrogen phosphate	:	> 95 %	19035-79-1	242-768-1	-----	-----	Xi; R41 Eye Dam 1

Other information

This product is considered to be hazardous.
See heading 16, where the full text of each relevant R phrase shall be listed.

4. First aid measures

4.1. Description of first aid measures

First aid

- Inhalation : Remove victim to fresh air.
Seek medical attention if ill effect develops.
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact : Seek medical attention immediately.
- Ingestion : Seek medical attention if ill effect develops.

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

No information available.

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

Note to physician : Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Extinguishing media

- Suitable : foam , water spray
- Not to be used : Do not use a heavy water stream. , carbon dioxide , powder

5.2. Special hazards arising from the substance or mixture

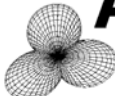
Special exposure hazards : Thermal decomposition generates: carbon oxides , Phosphorus pentoxide

5.3. Advice for fire-fighters

Protection against fire : Wear self-contained breathing apparatus, rubber boots and thick rubber gloves.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions** :
- Avoid dust production.
 - Good ventilation of the workplace required.
 - Wear recommended personal protective equipment.

6.2. Environmental precautions

- Environmental precautions** :
- Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- After spillage and/or leakage** :
- Pick up mechanically, avoid dust formation.

6.4. Reference to other sections

See Heading 8.

7. Handling and storage

7.1. Precautions for safe handling

- Precautions to be taken in handling and storage** :
- Take precautionary measures against static discharges.
 - Dust may form explosive mixture in air.
 - Keep away from sources of ignition - No smoking.
- Handling** :
- Avoid contact with skin and eyes.
 - Avoid dust production.
 - Good ventilation of the workplace required.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** :
- Keep container closed when not in use.
 - Keep in original containers.
 - Store in dry, cool, well-ventilated area.
 - Dust Explosion Class :
 - ST1 - Capable of dust explosion.

7.3. Specific end use(s)

8. Exposure controls/personal protection

8.1. Control parameters

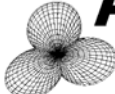
- Personal protection**
- **Respiratory protection** : Approved dust respirator.
 - **Skin protection** : Wear suitable protective clothing and chemical resistant boots
 - **Eye protection** : Chemical goggles or face shield with safety glasses.
 - **Hand protection** : Wear suitable gloves resistant to chemical penetration.
- Industrial hygiene** :
- Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
 - Good ventilation of the workplace required.
 - When using, do not eat, drink or smoke.
 - Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
 - Wash clothing before re-using.

8.2. Occupational Exposure Limits

- Occupational Exposure Limits** :
- Not established.

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid. powder
Colour	: White
Odour	: Faint characteristic.
pH value	: 6.5 - 8.5 (1 g/l; 20 °C) Method: DIN 53996
Melting point [°C]	: 161 - 166
Flash point [°C]	: Not applicable.
Density [kg/m ³]	: 960 (60 °C)
Solubility in water	: 160 mg/l (20 °C) Insoluble.
Log P octanol / water	: Not applicable.
Viscosity	: No information available.
Flammability	: Not flammable.
Oxidising properties	: Not oxidising.
Explosive properties	: Not explosive.

9.2. Other information

10. Stability and reactivity

10.1. Reactivity

Reactivity	: See Heading . 10.3
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10.2. Chemical stability

Stability	: Stable under recommended storage and handling conditions.
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10.3. Possibility of hazardous reactions

Hazardous reactions	: None reasonably foreseeable
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10.4. Conditions to avoid

Conditions to avoid	: None reasonably foreseeable
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10.5. Incompatible materials

Materials to avoid	: None known.
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10.6. Hazardous decomposition products

Hazardous decomposition products	: Thermal decomposition generates: carbon oxides , Phosphorous oxide.
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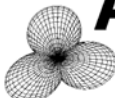
11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity	
- Oral	: LD50 (rat) : > 2000 mg/kg OECD Test Guidelines no. : 423
- Dermal	: LD50 (rat) : > 2000 mg/kg
Skin corrosion/irritation	: Not irritant. OECD Test Guidelines no. : 404
Serious eye damage/eye irritation	: Risk of serious damage to eyes. OECD Test Guidelines no. :405

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11. Toxicological information (continued)

Respiratory or skin sensitisation	: This material was found to be non-sensitising in guinea pigs. OECD Test Guidelines no. : 406
Carcinogenicity	: Not established.
Germ cell mutagenicity	: Not established.
Reproductive toxicity	: Not established.
Specific Target Organ Toxicity - Single exposure	: Not established.
Specific Target Organ Toxicity - Repeated exposure	: Not established.

12. Ecological information

12.1. Toxicity

Ecotoxicity	: Fish LC50 (96h) : > 100 mg/l Oncorhynchus mykiss OECD Test Guidelines no. 203
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12.2. Persistence - degradability

Biodegradation [%]	: 37% (28 days) OECD Test Guidelines no. 310
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12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

WGK class (Germany)	: 1
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13. Disposal considerations

13.1. Waste treatment methods

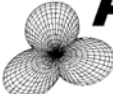
Disposal	: Dispose in a safe manner in accordance with local/national regulations.
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14. Transport information

General information	: Not classified
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15. Regulatory information

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

Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

A Chemical Safety Assessment (CSA) has so far not available for the substance, or the component substances contained in this product.

16. Other information

Full text R phrases under heading 3 : R 41 : Risk of serious damage to eyes.
Prepared by : HPV
regulatory@aako.nl

The content and format of the MSDS are in accordance with Regulation (EC) No 1907/2006 and subsequent amendments.

DISCLAIMER OF LIABILITY The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

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