

## SAFETY DATA SHEET

# PrimeSource Afkalker pulver

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Trade name	PrimeSource Afkalker pulver
Product no.	112492
Unique formula identifier (UFI)	N600-E0MV-C006-5WC2

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

▼ Relevant identified uses of the substance or mixture	Acidic cleaning agent. Restricted to professional users.
Uses advised against	None known.

### 1.3. Details of the supplier of the safety data sheet

Company and address	<b>MultiLine A/S</b> Kirkebjergvej 17 DK-4180 Sorø Denmark
Contact person	Multiline
E-mail	psa@multiline.dk
Revision	29/04/2024
SDS Version	2.0
Date of previous version	23/03/2023 (1.0)

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).  
See section 4 "First aid measures".


## SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.  
Eye Irrit. 2; H319, Causes serious eye irritation.  
Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

Hazard pictogram(s)	
Signal word	Warning
Hazard statement(s)	Causes skin irritation. (H315) Causes serious eye irritation. (H319) Harmful to aquatic life with long lasting effects. (H412)
Precautionary statement(s)	
General	-
Prevention	-
▼ Response	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. (P303+P361+P353) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) If eye irritation persists: Get medical advice/attention. (P337+P313)
Storage	-
Disposal	-

Hazardous substances	None known.
Additional labelling	UFI: N600-E0MV-C006-5WC2
▼ Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law	< 5% · Zeolites

### 2.3. Other hazards

▼ Additional warnings	This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Sulphamidic acid	CAS No.: 5329-14-6 EC No.: 226-218-8 UK-REACH: Index No.: 016-026-00-0	60-100%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

General information	In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.
Inhalation	Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
Skin contact	IF ON SKIN: Wash with plenty of water/water and soap. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.
▼ Eye contact	If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.
Ingestion	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
Burns	Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs.  
Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.  
High amounts of dust can cause coughing and general irritation of the respiratory airways.

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

If eye irritation persists: Get medical advice/attention.

## Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Hazchem Code: 2X

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

#### 6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust. Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

#### 7.2. ▼ Conditions for safe storage, including any incompatibilities

Protect from sunlight.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Powder trickling out onto the floor or onto other containers must be prevented.

Keep away from food, drink and animal feeding stuffs

▼ Recommended storage material	Keep only in original packaging.
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▼ Storage temperature	-5 - 35 °C
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▼ Incompatible materials	Chlorine containing products. Bases
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#### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

**DNEL**

Sulphamidic acid

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	10 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	17.4 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	70.5 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	5 mg/kg bw/day

**▼ PNEC**

Sulphamidic acid

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		1.8 mg/L
Freshwater sediment		8.36 mg/kg
Marine water		180 µg/L
Marine water sediment		840 µg/kg
Sewage treatment plant		20 mg/L
Soil		5 mg/kg

**8.2. ▼ Exposure controls**

Apply general control to prevent unnecessary exposure

General recommendations Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios There are no exposure scenarios implemented for this product.

Exposure limits Occupational exposure limits have not been defined for the substances in this product.

▼ Appropriate technical measures Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

Airborne gas and dust concentrations must be kept at a minimum. Provide efficient mechanical ventilation. If not possible use suitable respiratory equipment.

Hygiene measures Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure Keep damming materials near the workplace. If possible, collect spillage during work.

**Individual protection measures, such as personal protective equipment**

Generally Use only UKCA marked protective equipment.

**▼ Respiratory Equipment**

Type	Class	Colour	Standards
Respiratory protection is not needed in the event of adequate ventilation.			

Skin protection

No specific requirements.

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Butyl rubber (≥0,5 mm). Neoprene (≥0,5 mm). Nitrile rubber (≥0,4 mm).	0,4 - 0,5	≥480	EN374



Eye protection

Type	Standards
In the likelihood of direct or incidental exposure, use face protection.	EN166

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Physical state	Powder
Colour	White
Odour / Odour threshold	Testing not relevant or not possible due to the nature of the product.
▼ pH	-
pH in solution	~ 1,7 (0,3%)
Density (g/cm <sup>3</sup> )	~1,20
Kinematic viscosity	Does not apply to solids.
Particle characteristics	Testing not relevant or not possible due to the nature of the product.

**Phase changes**

Melting point/Freezing point (°C)	Testing not relevant or not possible due to the nature of the product.
Softening point/range (waxes and pastes) (°C)	Does not apply to solids.
Boiling point (°C)	Does not apply to solids.
Vapour pressure	Testing not relevant or not possible due to the nature of the product.
Relative vapour density	Does not apply to solids.
Decomposition temperature (°C)	Testing not relevant or not possible due to the nature of the product.

**Data on fire and explosion hazards**

Flash point (°C)	Does not apply to solids.
Flammability (°C)	Testing not relevant or not possible due to the nature of the product.
Auto-ignition temperature (°C)	Testing not relevant or not possible due to the nature of the product.
Lower and upper explosion limit (% v/v)	Does not apply to solids.

**Solubility**

Solubility in water	Completely soluble
n-octanol/water coefficient (LogKow)	Testing not relevant or not possible due to the nature of the product.
Solubility in fat (g/L)	Testing not relevant or not possible due to the nature of the product.

**9.2. Other information**

VOC (g/l)	0
Oxidizing properties	Opfylder ikke kriterierne for brandnærende (oxiderende)
Other physical and chemical parameters	No data available.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No data available.

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

None known.

**10.5. ▼ Incompatible materials**

Alkali-sensitive metals such as aluminium, tin, lead and zinc and alloys with these metals.

**10.6. ▼ Hazardous decomposition products**

In contact with compounds containing chlorine, toxic gases may form. Generates strong heat in contact with alkaline compounds, risk of bumping.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law**

### ▼ Acute toxicity

Product/substance	Sulphamidic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2065 mg/kg
Other information:	Source: ECHA

Product/substance	Sulphamidic acid
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kgbw
Other information:	Source: ECHA

### ▼ Skin corrosion/irritation

Product/substance	Sulphamidic acid
Test method:	OECD 404
Species:	Rabbit
Result:	Adverse effect observed (Irritating)
Other information:	Source: ECHA

Causes skin irritation.

### ▼ Serious eye damage/irritation

Product/substance	Sulphamidic acid
Test method:	OECD 405
Result:	Adverse effect observed (Irritating)
Other information:	Source: ECHA

Causes serious eye irritation.

### Respiratory sensitisation

Based on available data, the classification criteria are not met.

### Skin sensitisation

Based on available data, the classification criteria are not met.

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

### Carcinogenicity

Based on available data, the classification criteria are not met.

### Reproductive toxicity

Based on available data, the classification criteria are not met.

### STOT-single exposure

Based on available data, the classification criteria are not met.

### STOT-repeated exposure

Based on available data, the classification criteria are not met.

### Aspiration hazard

Based on available data, the classification criteria are not met.

## 11.2. Information on other hazards

### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

### ▼ Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

### Other information

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. ▼ Toxicity

Product/substance	Sulphamidic acid
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Test method: OECD 203  
 Species: Fish, Pimephales promelas  
 Duration: 96 hours  
 Test: LC50  
 Result: 70,3 mg/L  
 Other information: Source: ECHA

Product/substance Sulphamidic acid  
 Test method: OECD 201  
 Species: Algae, Desmodesmus subspicatus  
 Duration: 72 hours  
 Test: ErC50  
 Result: 48 mg/L  
 Other information: Source: ECHA

Product/substance Sulphamidic acid  
 Test method: OECD 202  
 Species: Crustacean, Daphnia magna  
 Duration: 48 hours  
 Test: EC50  
 Result: 71,6 mg/L  
 Other information: Source: ECHA

Harmful to aquatic life with long lasting effects.

## 12.2. Persistence and degradability

The product solely consists of inorganic compounds which are not biodegradable.

## 12.3. Bioaccumulative potential

The product is not bioaccumulating

## 12.4. Mobility in soil

No data available.

## 12.5. ▼ Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

## 12.6. ▼ Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

## 12.7. Other adverse effects

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

# SECTION 13: DISPOSAL CONSIDERATIONS

## ▼ Waste treatment methods

Product is covered by the regulations on hazardous waste. (\*)

HP 4 - Irritant (skin irritation and eye damage)

HP 14 - Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

## EWC code

06 01 06\*

Other acids




## ▼ Specific labelling

## Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

# SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN2967	SULPHAMIC ACID	Transport hazard class: 8 Label: 8 Classification code: C2	III	No	Limited quantities: 5 kg Tunnel restriction code: (E)

14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
					See below for additional information.
IMDG	UN2967 SULPHAMIC ACID	Transport hazard class: 8 Label: 8 Classification code: C2 	III	No	Limited quantities: 5 kg EmS: F-A S-B See below for additional information.
IATA	UN2967 SULPHAMIC ACID	Transport hazard class: 8 Label: 8 Classification code: C2 	III	No	See below for additional information.

\* Packing group

\*\* Environmental hazards

**Additional information**

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

Hazchem Code: 2X

**14.6. Special precautions for user**

Not applicable.

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Restrictions for application

Restricted to professional users.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

▼ Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

< 5%  
· Zeolites

Additional information

Not applicable.

Sources

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

**15.2. Chemical safety assessment**

No

**SECTION 16: OTHER INFORMATION**



### Full text of H-phrases as mentioned in section 3

H315, Causes skin irritation.  
H319, Causes serious eye irritation.  
H412, Harmful to aquatic life with long lasting effects.

### ▼ Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.  
The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.  
Durability: 36 months

### ▼ The safety data sheet is validated by

SUSM

### ▼ Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.  
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.  
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.  
Country-language: GB-en