



**aks2tal**  
Specialister i støvreduktion

## Material Safety Data Sheet

Completed 04-01-2022  
Revision: (date) 20-03-2025  
SDS version 1.3

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

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#### 1.1. Product Identifier

Trade Name: Clarity+  
Product- no.: 1023-dy

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

##### **Recommended uses:**

Detergent industry.

On floors in areas: office, schools, kindergartens, crèches, gyms, nursing homes, industrial raw concrete floors, asphalt sf-stones, on all floor types except floors where water can not be used such as raw untreated wood floors.

CLAIRITY + must not be mixed with other floor products and must not be used on surfaces that do not withstand water.

##### **Uses advised against:**

This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

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

##### **Company and address:**

aks2tal  
Fruervej 9  
DK-4621 Gadstrup  
Tlf.: +45 29 730 715  
www.akstotal.dk

##### **Contact person and E-mail:**

info@akstotal.dk

##### **The Safety data sheet is completed and validated by:**

Mediator ApS, Centervej 2, DK-6000 Kolding. Consultant: DH

#### 1.4. Emergency telephone number

Use your national or local emergency number - For "First aid measures" see section 4.

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### SECTION 2: Hazards identification

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#### 2.1. Classification of the substance or mixture

The product is not subject to labelling under CLP Regulation No. 1272/2008.

#### 2.2. Label elements

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##### **Signal word:**

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#### 2.3. Other hazards

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##### **Additional labelling:**

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##### **Additional warnings**

The product does not meet the criteria for PBT or vPvB.

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### SECTION 3: Composition/information on ingredients

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#### 3.1/3.2. Substances/Mixtures

Contains no substances subject to reporting requirements.



## Material Safety Data Sheet

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### SECTION 4: First aid measures

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#### 4.1. Description of first aid measures

**Inhalation:**

In case of discomfort: Seek fresh air.  
Seek medical advice in case of persistent discomfort.

**Ingestion:**

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.  
Seek medical advice in case of persistent discomfort.

**Skin contact:**

Wash skin with soap and water.  
Seek medical advice in case of persistent discomfort.

**Eye contact:**

Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

**Additional information:**

When obtaining medical advice, show the safety data sheet or label.

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

No irritation anticipated when used normally.

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

No special immediate treatment required.

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### SECTION 5: Firefighting measures

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#### 5.1. Extinguishing media

Surrounding fire:  
Extinguish with powder, foam, carbon dioxide or water mist.  
Do not use water stream, as it may spread the fire.

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

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

#### 5.3. Advice for firefighters

Fire fighters should wear appropriate protective equipment.

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### SECTION 6: Accidental release measures

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

No special requirements.

#### 6.2. Environmental precautions

Not relevant.

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

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.  
Wipe up minor spills with a cloth.

#### 6.4. Reference to other sections

See section 8 for type of protective equipment.  
See section 13 for instructions on disposal.

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### SECTION 7: Handling and storage

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#### 7.1. Precautions for safe handling

No special requirements.



## Material Safety Data Sheet

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

There are no special requirements for storage. However, it should be stored safe and out of the reach of children.  
Keep in tightly closed original packaging.  
Store in a cool, dry place.  
Storage temperature: 10 - 25 °C

### 7.3. Specific end use(s)

See application section 1.

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## SECTION 8: Exposure controls/personal protection

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### 8.1. Control parameters

Indicative occupational exposure limit value (IOELV)

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### DNEL/PNEC-values:

No data.

### 8.2. Exposure controls

There are no exposure scenarios for this product.

### *Appropriate engineering controls:*

Wash hands before breaks, before using restroom facilities, and at the end of work.

### *Personal protective equipment:*

#### *Respiratory protection:*

Not required.

#### *Hand protection:*

Generally not required.

#### *Eye/face protection:*

Generally not required.

#### *Skin protection:*

Not required.

### *Environmental exposure controls:*

Ensure compliance with local regulations for emissions.

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## SECTION 9: Physical and chemical properties

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### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Beige
Odour:	Weak
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	-
Kinematic viscosity (mm <sup>2</sup> /s):	-
Solubility:	-
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	1 g/ml
Relative vapour density:	-
Particle characteristics:	-

### 9.2. Other information

None.



## Material Safety Data Sheet

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### SECTION 10: Stability and reactivity

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#### 10.1. Reactivity

No data.

#### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

No special precautions regarding contact with other materials at the recommended storage conditions.

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### SECTION 11: Toxicological information

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#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### **Acute toxicity:**

Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
No data.	-	-	-	-

##### **Skin corrosion/irritation:**

Skin irritation is not anticipated when used normally.

##### **Serious eye damage/irritation:**

May cause mechanical irritation.

##### **Respiratory or skin sensitisation:**

Based on the existing data, the classification is not met.

##### **Germ cell mutagenicity:**

Based on the existing data, the classification is not met.

##### **Carcinogenicity:**

Based on the existing data, the classification is not met.

##### **Reproductive toxicity:**

Based on the existing data, the classification is not met.

##### **STOT-single exposure:**

Based on the existing data, the classification is not met.

##### **STOT-repeated exposure:**

Based on the existing data, the classification is not met.

##### **Aspiration hazard:**

Based on the existing data, the classification is not met.

#### 11.2. Information on other hazards

Test data are not available.



## Material Safety Data Sheet

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### SECTION 12: Ecological information

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#### 12.1. Toxicity

Substance	Test duration	Species	Test	Result
No data.	-	-	-	-

#### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
No data.	-	-	-

#### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
No data.	-	-

#### 12.4. Mobility in soil

Test data are not available.

#### 12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB.

#### 12.6. Endocrine disrupting properties

Test data are not available.

#### 12.7. Other adverse effects

None.

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### SECTION 13: Disposal considerations

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#### 13.1. Waste treatment methods

The product is not classified as hazardous waste according to Waste Management. Disposal of spillage and waste via the municipal waste collection service with the specifications below is recommended.

EWC-Code	Description
20 03 99	Municipal wastes not otherwise specified

#### *Specific labelling:*

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#### *Contaminated packaging:*

Empty packaging and residues can be disposed with household waste.

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### SECTION 14: Transport information

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The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

#### 14.1 -14.4.

##### ADR

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##### IMDG/IATA

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#### 14.5. Environmental hazards

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#### 14.6. Special precautions for user

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## Material Safety Data Sheet

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

Not relevant.

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## SECTION 15: Regulatory information

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

**Sources:**

Commission Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, EU 2017/164 and EU 2019/1831 (the first, second, third, fourth and fifth IOELV Directives).

**Additional labelling:**

Univar Black-box for CLAIRITY+ 200 liter drums or 1000 liter container

**Restrictions for application:**

For professional users only.

**Demands for specific education:**

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### 15.2. Chemical safety assessment

None.

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## SECTION 16: Other information

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According to EU regulation 1907/2006 (REACH)

**Other information:**

**Sources:**

EC regulation 1907/2006 (REACH), with amendments.  
EC Regulation 1272/2008 (CLP), with amendments.  
Directive 2008/98/EC  
ECHA - The European Chemicals Agency

**Full text of H-phrases as mentioned in section 2+3:**

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**Classification according to Regulation (EC) Nr. 1272/2008:**

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**Abbreviations and acronyms used in the safety data sheet:**

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.

CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS-Number.: Chemical Abstracts Service number.

EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).

DNEL: Derived No Effect Level.

PNEC(s): Predicted No Effect Concentration(s).

STOT: Specific Target Organ Toxicity.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

LC50: Lethal Concentration to 50 % of a test population.

EC50: The effective concentration of substance that causes 50% of the maximum response.

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.

NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.



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## Material Safety Data Sheet

**Other:**

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.

**Minor changes have been made in following sections:**

General update.

**This material safety data sheet replaces version:**

1.2