



Material Safety Data Sheet

According to 91/155 EC

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1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name:

AgroClair

Manufacturer/Supplier:

Westfalia Landtechnik GmbH
Werk Herdecke
Mühlenstraße 17 - 20
D-58313 Herdecke
Telefon: (0 23 30) 64 0

Information in case of emergency:

Call your medical practitioner LONDON
(Information available at the National Poison Unit - Guy's Hospital)

2 Composition/information on ingredients

Chemical characterization

Description:

Mixture of substances listed below with nonhazardous additions.

Dangerous components:

	Anionics	 Xi; 36/38	2.5-10%
	Nonionics	 Xn; 22-36/38	2.5-10%
6834-92-0	disodium metasilicate	 C; 34-37	< 5%

3 Hazards identification

Hazard description:



Xi Irritant

Information concerning particular hazards for human and environment:

R 36/38 Irritating to eyes and skin.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First-aid measures

After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

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After skin contact:	Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water.
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	If symptoms persist consult doctor.

5 Fire-fighting measures

Suitable extinguishing agents:	CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective equipment:	No special measures required.

6 Accidental release measures

Person-related safety precautions:	Not required.
Measures for environmental protection:	Do not allow to enter sewers/ surface or ground water. Prevent seepage into sewage system, workpits and cellars. Dilute with plenty of water.
Measures for cleaning/collecting:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

Handling:	
Information for safe handling:	Open and handle receptacle with care.
Information about fire - and explosion protection:	No special measures required.
Storage:	
Requirements to be met by storerooms and receptacles:	No special requirements.
Information about storage in one common storage facility:	Not required.
Further information about storage conditions:	Keep container tightly sealed.
Class according to regulation on flammable liquids:	Void

GB

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8 Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists valid during the making were used as basis.

**Personal protective equipment:
General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
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:

Not required.

Protection of hands:



Protective gloves

Eye protection:

Safety glasses

9 Physical and chemical properties

Form:	Fluid
Colour:	Blue
Odour:	Characteristic
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100°C
Flash point:	Not applicable.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Density at 20°C:	1.045 g/cm ³
Solubility in / Miscibility with water:	Fully miscible.
pH-value (10 g/l) at 20°C:	11.3

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Solvent content:	
Organic solvents:	0.0 %

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
Dangerous reactions	No dangerous reactions known.
Dangerous decomposition products:	No dangerous decomposition products known.

11 Toxicological information

Acute toxicity:	
Primary irritant effect:	
on the skin:	Irritant to skin and mucous membranes.
on the eye:	Irritating effect.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant.

12 Ecological information

General notes:	Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.
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13 Disposal considerations

Product:	
Recommendation	Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue	
07 00 00	Wastes from organic chemical processes
07 06 00	waste from the MFSU of fats, grease, soaps, detergents disinfectants and cosmetics
07 06 08	other still bottoms and reaction residues

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Uncleaned packaging:**Recommendation:****Recommended cleansing agents:**

Disposal must be made according to official regulations.

Water, if necessary together with cleansing agents.

14 Transport information

Maritime transport IMDG:**Marine pollutant:**

No

Transport/Additional information:

Not dangerous according to the above specifications.

15 Regulatory information

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Code letter and hazard designation of product:

Xi Irritant

Risk phrases:

36/38 Irritating to eyes and skin.

Safety phrases:26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37/39 Wear suitable gloves and eye/face protection.**National regulations:****Classification according to VbF:**

Void

Technical instructions (air):

Class	Share in %
water	79,5
III	0,3

Waterhazard class:

Water hazard class 2 (Self-assessment): hazardous for water.

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.

Department issuing MSDS:

Dairy Supplies / 1020