



SAFETY DATA SHEET

FOODPRO DCF9839

1 IDENTIFICATION OF PREPARATION AND OF COMPANY

1.1 Identification of the substance or preparation

Product : FOODPRO DCF9839

1.2 Use of substance/preparation

Deposit control agent for food streams

1.3 Company/undertaking identification

GE Water & Process Technologies France SNC

Allée du 1er Mai

Parc d'Activités de Paris-Est

F-77183 Croissy Beaubourg

Tel.: 01 60 37 59 60

e-mail : emea.productstewardship@ge.com

1.4 Emergency telephone

- GE Betz (24h/24h) : 01 60 37 00 00

- Official advisory body

ORFILA : 01 45 42 59 59

2 HAZARDS IDENTIFICATION

Important hazards

- Health/physical hazard Irritating to eyes and skin.
- Environmental hazards The product is not classified as dangerous for the environment.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical description

Aqueous alkaline solution of organic and inorganic salts

Hazardous component(s)	EINECS/ELINCS #	CAS #	Conc.
Sodium hydroxide C, R35	215-185-5	1310-73-2	0.5 - 2 %

Remarks

The classification of the above substance(s) is given, including the symbol letters and R phrases which are assigned in accordance with their physicochemical, health and environmental hazards. Please refer to section 16 (Relevant R phrases, used in sections 2 and 3 of this SDS), where the full text of each relevant R phrase is listed.

4 FIRST AID MEASURES

Skin contact Remove contaminated clothing.
Wash immediately with plenty of water.
If irritation persists, seek medical advice.



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Eye contact	Flush immediately with plenty of running water. If irritation persists, seek medical advice.
Inhalation	Remove to fresh air.
Ingestion	Rinse mouth with water.

5 FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Carbon dioxide, dry chemicals, foam, water spray (fog).

Special protective equipment for fire fighters Self contained breathing apparatus. (CEN : EN 137)
Protective clothing (CEN : EN 469)
Protective gloves (CEN : EN 659)
Helmet (CEN : EN 443)

Special exposure hazards Oxides of carbon, sulphur, and phosphorus evolved in fire.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions Wear protective clothing, gloves and safety goggles.
Please refer also to section no. 8 'Exposure controls' for further information.

Environmental precautions Prevent from entering sewers or the immediate environment.
Accidental release of large quantities into the aquatic environment may harm aquatic organisms.

Methods for Cleaning Up

- on soil Absorb onto inert material and dispose of according to Special Waste Regulations.
Remove small spills with plenty of water.

7 HANDLING AND STORAGE

7.1 Handling Ensure good ventilation.

7.2 Storage Store in original package.
Store in dry, cool area.
Keep away from strong acids and oxidizers.
Store at temperatures below 50 °C
Do not freeze.

7.3 Specific use(s) Only for professional and industrial users

Maximum storage stability (days) 90

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

- VME/VLE (INRS) Sodium hydroxide : 2mg/m³ (VME)-néant (VLE)

Exposure controls

- Recommended engineering controls Adequate ventilation to maintain air contaminants below exposure limits.

- Respiratory protection In case of insufficient ventilation, use a breathing mask with filter type: P2
CEN : EN 140; EN 143; EN 149



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Exposure controls

- Hand protection	Neoprene gloves (Protection against unintentional short-term contact) CEN : EN 374-1/2/3; EN 420
- Eye protection	Safety goggles. CEN : EN 166
- Skin protection	Protective clothing. CEN : EN 340; EN 369; EN 465
- Environmental exposure controls	Prevent from entering in public sewers or the immediate environment.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Appearance	Liquid
Colour	Brown-black
Odour	Mild

9.2 Important health, safety and environmental info

pH (concentrated product)	11.5
Boiling point/range (°C)	98
Flash point (Pensky/Martens) (°C)	> 100
Density at 20°C (kg/m ³)	1135
Solubility in water (% weight)	Completely soluble
Viscosity at 20°C (mPas)	5
Relative vapour density (air=1)	< 1
Evaporation rate (ether=1)	< 1
Vapour pressure	As water

9.3 Other information

Melting point, (°C)	-7
Pour point, (°C)	-4

10 STABILITY AND REACTIVITY

10.1 Conditions to avoid	Protect from freezing.
10.2 Materials to avoid	Avoid contact with strong acids.
10.3 Hazardous decomposition products	Oxides of carbon, sulphur, and phosphorus evolved in fire.

11 TOXICOLOGICAL INFORMATION

Mammalian Test Data

- Oral LD50, rat (mg/kg)	> 2000 (estimated value)
- Dermal LD50, rabbit (mg/kg)	> 2000 (estimated value)
- Skin sensitisation test	Not sensitising.



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Exposure hazard

- Inhalation Prolonged or repeated exposure may cause transient irritation.
- Skin contact Causes irritation.
- Eye contact Causes irritation.
- Ingestion May cause slight gastrointestinal irritation.

12 ECOLOGICAL INFORMATION

Ecotoxicity

- Rainbow Trout (mg/l) LC50 : > 300 (Calculated data)
96 hour static acute bioassay

Persistence and degradability

- Biodegradation (%) < 20 % degradation in 28 days
(estimated value)

Other adverse effects

- Heavy metals None.

Summary

The product is not classified as dangerous for the environment.
The evaluation of environmental hazards is based on the concentration limits as set out in directive 1999/45/EC.

13 DISPOSAL CONSIDERATIONS

Disposal of product

According to Special Waste Regulations.

EWC (European Waste Code) recommendation : 16 03 05
16 Wastes not otherwise specified in the list.
16 03 Off-specification batches and unused products.
16 03 05 Organic wastes containing dangerous substances.
Depending on the origin and state of the waste, other EWC numbers may be applicable too.

Disposal of packaging

According to Special Waste Regulations.

EWC (European Waste Code) recommendation : 15 01 10
15 Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified.
15 01 Packaging (including separately collected municipal packaging waste).
15 01 10 Packaging containing residues of or contaminated by dangerous substances.
Depending on the origin and state of the waste, other EWC numbers may be applicable too.

14 TRANSPORT INFORMATION

Substance id.no. (SIN) (UN No.) 3266

Correct shipping name Corrosive liquid, basic, inorganic, n.o.s.

- Contains Sodium hydroxide mixture

Land transport

- Transport hazard label 8
Corrosive
- RID/ADR classification 8



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Land transport

- Packaging group III

Maritime transport

- Transport hazard label 8
Corrosive

- IMO-IMDG class 8

- Packaging group III

- EmS no. F-A, S-B

- MFAG no. See Emergency action guide.

The treatment recommended in this Guide is specified in the appropriate tables and more comprehensive in the appropriate sections of the Appendices.

Air transport

- Transport hazard label 8
Corrosive

- ICAO/IATA classification 8

Other information TREMCARD 80GC5-III

15 REGULATORY INFORMATION

EEC labelling information

- Symbol(s)



Irritant:Xi

- R Phrase(s) R 36/38 :Irritating to eyes and skin.

- S Phrase(s) S 26 :In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 28 :After contact with skin, wash immediately with plenty of water.

S 36/37/39 :Wear suitable protective clothing, gloves and eye/face protection.

- EINECS number

All ingredients of this product are listed in EINECS or ELINCS, unless specifically exempted under the EEC Directive 67/548/EEC.

16 OTHER INFORMATION

Nature of revision Correction in Section: 1,2,3,7

Based on EC Directive / Regulations 1999/45/EC
2001/58/EC
2001/118/EC
(EC) No 1907/2006 (REACH)

This information is based on our current knowledge and is intended to describe the product for the purpose of safety requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



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Relevant R phrases, used in sections 2 and 3 of this SDS

R 35 : Causes severe burns.
R 36/38 : Irritating to eyes and skin.