

Safety Data Sheet

Section 1: Identification

1.1 Product identifier

Product Name • NEUTRACALC

1.2 Other means of identification

None

1.2 Recommended use of the chemical and restrictions on use

Relevant identified use(s) • Used in water treatment systems to prevent scale build –up

1.3 Supplier information

Manufacturer • Pollet Water Group
Textielstraat 13 8790 Waregem,
Belgium

Telephone (General) • +32 (0)56 43 29 51

1.4 Emergency telephone number

Manufacturer • Centre Anti-Poisons/Antigifcentrum
p/a Military hospital Queen Astrid
Bruynstraat 1, 1120 Brussel, Belgium

Telephone (General) • +32 (0)70 245 245

Section 2: Hazard Identification

2.1 Classification of the substance or mixture

- **Health Hazards:** Acute Toxicity Category 5
- **Environmental Hazards:** None
- **Physical Hazards:** None

Label Elements

- **Signal Word:** WARNING
- **Hazardous Statements:** May be harmful in contact with skin.
May be harmful if swallowed.
- **Precautionary Statements:** Not required

2.2 Pictograms

- Not required

2.3 Other Hazards

- This material is not considered hazardous.

Section 3 - Composition/Information on Ingredients

3.1 Chemical identity

- Mixture

3.2 Mixtures

Chemical Name	Identifiers	%(weight)	Comments
Modified Acrylic Polymer	NDA	50% TO 60%	NDA
Water	CAS:7732-18-5	30% TO 40%	NDA
Calcium	CAS:7440-70-2	10%	NDA

Section 4 - First Aid Measures

4.1 Description of first aid measures

- **Inhalation:** First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.
- **Skin:** Gently and thoroughly wash skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
- **Eye:** First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.
- **Ingestion:** Do not induce vomit. Loosen tight clothing such as collar, tie, belt or wristband. If the victim is not breathing, perform cardiopulmonary resuscitation. Seek immediate medical attention.

4.2 Most important symptoms and effects, acute and delayed

- **Skin:** Mild skin irritation
- **Ingestion:** Mild gastrointestinal tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed

- **Skin:** If irritation continues after washing hands thoroughly, seek medical attention.
- **Ingestion:** Seek immediate medical attention.

Section 5 – Fire-fighting Measures

5.1 Suitable extinguishing media

Suitable Extinguishing Media: Use media as appropriate for surrounding fire.

Unsuitable Extinguishing Media: None known.

Firefighting Procedures: As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Do not scatter spilled material with high pressure water streams. Move containers from fire area if you can do it without risk. Stay upwind.

NFPA Classification: Health 1 Fire 0 Instability 0

5.2 Special hazards arising from the chemical

Unusual Fire and Explosion Hazards: This material is not expected to pose a fire or explosion hazard.

Hazardous Combustion Products: None Known.

5.3 Special protective actions for fire-fighters

Structural firefighter's protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Do not touch or walk through spilled material.

Emergency Procedures: No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

6.2 Environmental precautions

Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures: Absorb with earth, sand or other non-combustible material.

6.4 Reference to other sections

Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 – Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling: Use good safety and industrial hygiene practices. Avoid repeated freeze-thaw cycles; beads may fracture. If frozen, thaw at room temperature.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in a cool, dry place.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines: None listed.

8.2 Exposure controls

Engineering Measures/Controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face: Under normal conditions of use, eye protection is not required.

Skin/Body: Under normal conditions of use, skin/body protection is not required.

General Industrial Hygiene Considerations: Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls: Follow best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Stable, pale yellow beads.
Color	Yellow	Odor	No data available
Taste	No data available	Particulate Type	No data available
Particulate Size	No data available	Aerosol Type	Not relevant
Odor Threshold	No data available	Physical and Chemical Properties	No data available
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	Heat of Decomposition	No data available
pH	6.5 to 8	Specific Gravity/Relative Density	No data available
Density	No data available	Bulk Density	No data available
Water Solubility	Negligible	Solvent Solubility	No data available
Viscosity	No data available	Explosive Properties	No data available
Oxidizing Properties:	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available	VOC (Wt.)	No data available
VOC (Vol.)	No data available	Volatiles (Wt.)	No data available
Volatiles (Vol.)	No data available		
Flammability			
Flash Point	No data available	Flash Point Test Type	No data available
UEL	No data available	LEL	No data available
Auto ignition	No data available	Self-Accelerating Decomposition Temperature (SADT)	No data available
Heat of Combustion (ΔH_c)	No data available	Burning Time	No data available
Flame Duration	No data available	Flame Height	No data available
Flame Extension	No data available	Ignition Distance	No data available
Flammability (solid, gas)	No data available		
Environmental			
Half-Life	No data available	Octanol/Water Partition coefficient	No data available
Coefficient of water/oil distribution	No data available	Bioaccumulation Factor	No data available
Bioconcentration Factor	No data available	Biochemical Oxygen Demand BOD/BOD5	No data available
Chemical Oxygen Demand	No data available	Persistence	No data available
Degradation	No data available		

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Avoid contact with strong oxidizing agents, particularly concentrated nitric acid.

10.5 Incompatible materials

- None known.

10.6 Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

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Test Type	Dosage	Route	Species	Duration	Results	Test Class	Target Organs	Comments
Acute Toxicity	>5000 mg/kg	Ingestion/Oral	Rat	NDA	LD50	NDA	NDA	Data for a compositionally similar material
Acute Toxicity	>5000 mg/kg	Skin	Rabbit	NDA	LD50	NDA	NDA	Data for a compositionally similar material

11.2 Potential Health Effects

Inhalation

Acute: Under normal conditions of use, no health effects are expected.

Chronic: No data available.

Skin

Acute: Under normal conditions of use, no health effects are expected.

Chronic: No data available.

Eye

Acute: Under normal conditions of use, no health effects are expected.

Chronic: No data available.

Ingestion

Acute: Under normal conditions of use, no health effects are expected.

Chronic: No data available.

Section 12 - Ecological Information

12.1 Toxicity

- Data lacking.

12.2 Persistence and degradability

- Data lacking.

12.3 Bioaccumulative potential

- Data lacking.

12.4 Mobility in Soil

- Data lacking.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

Product waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

US DOT (United States Department of Transportation): Not regulated

IATA (International Air Transportation Association): Not regulated

IMO (International Maritime Organization): Not regulated

Section 15 - Regulatory Information

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

CERCLA: No

SARA/Title III: No

TSCA Inventory: Yes

Japan Inventory: No

ENCS Inventory: Yes

Australia NPI: Not Listed

WHMIS: Not Listed

CEPA: Not Listed

RCRA: Not Listed

Section 16 - Other Information

- Last Revision Date** • 8/July/2015
- Preparation Date** • 12/March/2012
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