



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 article 31

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name: POLYGOLD AD985

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

Use: Flocculation agent.

1.3 Details of the supplier of the safety data sheet

Company name: Goldcrest Chemicals Ltd.
Address: Dodworth Business Park
Great Cliffe Road
Dodworth
Barnsley
South Yorkshire S75 3SP
Web address: www.goldcrestchemicals.co.uk
Tel: 03707 800 100
Fax: 03707 800 101
E-mail: enquiries@goldcrestchemicals.co.uk

1.4 Emergency telephone number

Tel: 03707 800 100 (will be redirected out of office hours)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification Xi - Irritant.
1999/45/EC R36/38 - Irritating to eyes and skin.

2.2 Label elements

Labelling
1999/45/EC



Irritant
R36/38 – Irritating to eyes and skin.
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 – After contact with skin wash immediately with plenty of water.

2.3 Other hazards

Spilled product is slippery underfoot and becomes very slippery when it comes into contact with water. This product does not contain any substance that meets the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006.

Section 3: Composition/Information on ingredients

3.2 Mixtures

Chemical nature: An anionic polyacrylamide dispersed in light mineral oil.

INGREDIENT NAME	CONTENT	EC No. REACH Reg.No.	/ CASNo.	/Annex VI No. /	CLASSIFICATION
Naphtha (petroleum), hydrotreated heavy.	<3%	265-150-3 /	64742-48-9 /	649-327-00-6 /	Xn: R10, 65, 66.
Alcohol ether phosphate.	<1%	n/a	/ 9046-01-9 /	n/a /	Xi: R38, 41. N: R51/53.
Distillates (petroleum), hydrotreated light.	<3%	265-149-8 /	64742-47-8 /	649-422-00-2 /	Xn: R65, 66.
		n/a			

For full text of R phrases see section 16

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact:	Remove all contaminated clothing and wash before wearing again. Wash affected area with soap and plenty of water. Seek medical attention if any irritation or symptoms persist.
Eye contact:	Remove contact lenses if worn and rinse eye with plenty of water for at least 10 minutes holding eye open. Seek medical attention.
Ingestion:	Wash out mouth with plenty of water. DO NOT INDUCE VOMITING. Give plenty of water to drink. Seek medical attention and show this safety data sheet or label.
Inhalation:	Move to fresh air and seek medical attention if any irritation or symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact:	Likely to cause irritation.
Eye contact:	Likely to cause irritation and redness.
Ingestion:	Likely to cause irritation to digestive system.
Inhalation:	Inhalation of spray or mist may cause irritation to respiratory system.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
No specific antidote known.

Section 5: Firefighting measures**5.1 Extinguishing media**

Use dry powder or foam.
It is preferable not to use water as the floor will become very slippery.

5.2 Special hazards arising from the substance or mixture

Irritating and toxic fumes are likely to be emitted in fire conditions.
Floor is likely to be slippery underfoot.

5.3 Advice for firefighters

Wear full protective clothing and self contained breathing apparatus.

Section 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedure**

Wear suitable equipment for protection of eyes and skin.
Respiratory equipment should be worn if there is insufficient ventilation.
Take care; floor is likely to be slippery underfoot and will become very slippery when wet.

6.2 Environmental precautions

Prevent product from entering drains and prevent further spillage if safe to do so.
Advise local authorities if large spills cannot be contained.

6.3 Clean-up procedures

Do not use water as it will render the area very slippery.
Absorb with inert absorbent material and transfer to suitable labelled container for disposal.
Common salt can be used to aid removal.

6.4 Reference to other sections

Suitable equipment for eye/face, skin and respiratory protection is quoted in section 8.
Suitable methods for disposal are quoted in section 13.

Section 7: Handling and storage**7.1 Precautions for safe handling**

Avoid contact with skin and eyes.
Wear suitable equipment for protection of eyes and skin.
Respiratory equipment should be worn if the product is in the form of a spray or mist and if there is insufficient ventilation.
Do not eat or drink in working area and wash hands after use.

7.2 Conditions for safe storage, including any incompatibilities

Store in original containers and keep well sealed.
Store in a dry, well ventilated area at normal room temperature.
Do not allow to freeze.

7.3 Specific end use

There is no specific end use in addition to that shown in section 1.

Section 8: Exposure controls/personal protection**8.1 Control parameters**

Not applicable.

8.2 Exposure controls

Engineering controls:	Ensure adequate ventilation of the working area. Eyewash facilities should be provided in the working area.
Eye /face protection:	Safety goggles (EN166).
Skin protection:	Chemical resistant gloves (EN 374), lightweight protective overalls and protective footwear.
Respiratory protection:	Full or half mask respirator with filter for organic vapours (EN14387 type A).
Thermal hazards:	Not applicable.

Section 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance:	Off-white liquid
Odour:	Mineral oil-like
pH:	Approx. 4 (1% aqueous solution)
Melting point/freezing point:	n/a
Boiling point or boiling range:	>100°C
Flash point:	>93°C
Evaporation rate:	n/a
Flammability:	Combustible
Upper/lower flammability or explosive limits:	n/a
Vapour pressure :	n/a
Vapour density:	n/a
Relative density:	Approx, 1.1g/cm ³ @ 20°C
Solubility:	Disperses in water.
Partition coefficient: n-octanol/water:	n/a
Auto-ignition temperature:	n/a
Decomposition temperature:	n/a
Viscosity:	n/a
Explosive properties:	None
Oxidising properties:	None

9.2 Other information

None available.

Section 10: Stability and reactivity**10.1 Reactivity**

No reactivity is likely if stored and handled as prescribed.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions are likely if stored and handled as prescribed.

10.4 Conditions to avoid

Temperature extremes. Freezing will affect the physical condition but will not damage the product.
Avoid ignition sources such as heat, sparks or an open flame.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Evolution of oxides of carbon and nitrogen is possible when exposed to excessive heat.

Section 11: Toxicological information**11.1 Information on toxicological effects**

Information based on a structurally or compositionally similar product.

Acute toxicity:	LD50/oral/rat	>2,000 mg/kg
Irritation/ corrosivity:	Irritating to eyes and skin. Prolonged or frequent exposure may lead to skin rashes or dermatitis.	
Sensitisation:	Not reported.	
Repeated dose toxicity:	Not reported.	
Carcinogenicity:	Not reported.	
Mutagenicity:	Not reported.	

Section 12: Ecological information**12.1 Toxicity**

Information based on a structurally or compositionally similar product.

Aquatic toxicity:	LC50/96hr/fish	>100 mg/l
	EC50/48hr/daphnia	>100 mg/l

12.2 Persistence and degradability

Not readily biodegradable.

12.3 Bioaccumulative potential

Based on its structural properties, the polymer is not biologically available.
Accumulation in organisms is not expected.

12.4 Mobility in soil

Adsorption to soil phase is expected.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

None known.

Section 13: Disposal considerations**13.1 Waste treatment methods**

Disposal of product: This is classed as hazardous waste and must be disposed of via a licensed waste disposal company.

Disposal of packaging: Packaging should be sent for recycling or disposed of as for the product.

Section 14: Transport information

This product is not classified as dangerous for carriage by, road, sea or air.

Section 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments.

Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparations) and subsequent amendments.

Regulation (EC) No. 1907/2006 (REACH) and its amendment, Commission Regulation (EU) No. 453/2010.
Directive 648/2004/EC (Detergents Regulations)

15.2 Chemical safety Assessment

Not applicable.

Section 16: Other information

This safety data sheet is the original version in the format according to Commission Regulation (EU) No. 453/2010 therefore it has been given the revision number 00.

Text for risk phrases and hazard statements not written in full in sections 2 and 3:

R10 – Flammable.

R38 – Irritating to skin.

R41 – Risk of serious damage to eyes.

R51/53 – Toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

R65 – Harmful; may cause lung damage if swallowed.

R66 – Repeated exposure may cause skin dryness or cracking.

n/a = not applicable or not available.

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