

MATERIAL SAFETY DATA SHEET**1. IDENTIFICATION OF THE PRODUCT AND COMPANY**Product Name: **POLYGOLD PAC**

Company: Total Pool Chemicals Ltd
 Unit 1
 Pool Bank Park
 High Street
 Tarvin
 Chester CH3 8JH

Emergency telephone number: 01829 740290

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical composition: Polyaluminiumhydroxide chloride silicate.

<u>Dangerous substance</u>	<u>% Present</u>	<u>Classification</u>	<u>Risk Phrases</u>
Poyaluminiumhydroxide chloride silicate CAS No 1327-41-9	approx 23%	IRRITANT	R36/37/38

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.
 May cause irritation to the respiratory system if mists or sprays are inhaled.
 May cause irritation to the intestinal system if large amounts ingested.

4. FIRST AID MEASURES

Eye contact: rinse immediately under running water for at least 15 minutes. If irritation persists seek medical advice.

Skin contact: wash with plenty of soap and water. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. If conscious, rinse mouth out with water and give water to drink. Seek medical attention.

Inhalation: remove to fresh air. Seek medical attention if symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media: suitable - water spray, carbon dioxide, foam or dry chemical.
 unsuitable -

If involved in a fire: wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Observe any warning labels on the container. Wear impermeable boots and eye/face protection.
 Contain any spilled product in inert material and neutralise with lime if available. Place into containers for disposal according to local regulations.
 Do not allow product to enter watercourses.

7. HANDLING AND STORAGE

Handling: use in well ventilated areas. When handling this product observe good standards of industrial hygiene to avoid swallowing, inhaling spray and eye and skin contact. It is always advisable to wear hand protection when handling chemicals.

Storage: Avoid extremes of temperature. Avoid storage in steel, copper or zinc. Use rubber lined or plastic tanks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General: ensure workplace is well ventilated.

Respiratory: none if ventilation adequate

Hand: impervious gloves

Eye: goggles / face shield

Skin: overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

Form/appearance:	yellowish clear liquid	Explosive properties:	
Odour:	slight	Oxidising properties:	
pH:	approx 3 in concentrated solution	Vapour pressure:	
Boiling point/range:	100 - 200°C	Relative density:	
Melting point /range:		Bulk density:	1200 - 1270 kg/m ³
Flash point:	N/A	Solubility:	water - soluble fat - other solvents -
Flammability:	N/A	Partition co-efficient:	< 3

10. STABILITY AND REACTIVITY

Conditions to avoid: avoid contact with Chlorite, hypochlorite, sulphite

Materials to avoid: Mild steel, copper and its alloys, zinc and silver.

Hazardous decomposition products: thermal decomposition at greater than 200°C may release HCl fumes.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: no data.

Eye irritation: irritant. (rabbit)

Skin irritation: irritant. (rabbit)

Inhalation: may irritate the mucous membranes of the respiratory system.

12. ECOLOGICAL INFORMATION

Do not allow product to enter drains or watercourses.

During hydrolysis, a precipitate is formed of metal hydroxide in the pH range 5 - 7. Due to this reaction the pH of the water phase decreases. If phosphates are present, metal phosphate complex may form.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations. Containers can be transported / delivered by a registered waste carrier to local recycling facilities.
Product may be neutralised with lime.

14. TRANSPORT INFORMATION

This product is not classified for transport under the EC Directives and the UK Classification, Packaging and Labelling Regulations.

Proper shipping name:

UN number:

Packing group:

Hazard class:

15. REGULATORY INFORMATION

EINECS NUMBERS: All components of this product are included in the EINECS inventory in compliance with Directive 67/548/EEC and its amendments.

User supply labels:

Symbol:

Xi

Classification:

IRRITANT

Risk phrases:

R36/38: Irritating to eyes and skin.

Safety phrases:

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 and soap.

S36/37/39: Wear suitable protective clothing, gloves, eye and face protection.

16. OTHER INFORMATION

NOTE: The information herein is provided for the general guidance of customers and in compliance with the terms of current health and safety legislation. Nothing contained herein shall constitute any warranty, guarantee or representation as to the quality, fitness or properties of the product.