

POLYPHOSPHATE – MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE COMPANY CRISTAL FOSS S.r.l. Via Keplero, 9 – 20016 Pero (MI)
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Product name: POLYPHOSPHATE - **TRANSPORT DOCUMENT:** bill of loading n° of

2. COMPOSITION/INFORMATION ON INGREDIENTS

Dangerous components: NO ONE

3. HAZARDS IDENTIFICATION: NO evidence of Hazards identification

4. FIRST AID MEASURES: not required

5. FIRE-FIGHTING MEASURES: The product is not fuel

6. ACCIDENTAL RELEASE MEASURES:

Environmental precautions: do not allow to enter public sewers and water courses.

Clean up actions: Sweep-up and transfer to any material container.

7. HANDLING AND STORAGE

HANDLING: Use the measures of item 8.

FIRE OR EXPLOSION MEASURES: Keep away from hot source.

STORAGE: Keep enclosed into the container in a cool environment.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Exposure controls: keep air in work environment.

Limits of exposure: No applicable.

Personal protection: wear safety glasses or goggles, wear rubber gloves, an eyewash facility should be available.

General protective measures and work health: Do not eat, drink or smoke while the goods are prepared. Wash the hand and change clothes at the end of work.

9. CHEMICAL AND PHYSICAL CHARACTERISTICS

Appearance		Glassy light green
Thickness		2,5 kg/litro
pH soluz. 1%		7-8
P ₂ O ₅		62,3 %
CaO		4,7 %
Na ₂ O		30,3 %
Al ₂ O ₃		2,6 %
Heavy metals	ppm	30 max
Arsenic as As	ppm	1 max
Lead as Pb	ppm	4 max
Fluoruri	ppm	10 max
Iron as Fe	ppm	200 max

10. STABILITY AND REACTIVITY

Stability: *this material is considered stable under normal conditions.*

Conditions to avoid: *not applicable.*

Materials to avoid: *not applicable.*

Hazardous decomposition: *if warmed up until decomposition, it emit toxic vapours of PO_x e Na_2O .*

11. TOXICOLOGICAL INFORMATION

Moderately toxic by intraperitoneal.

Ld50 (orale, topo): *14500 mg/kg.*

Ld50 (endovena, topo): *124 mg/kg.*

Ld50 (sottocute, topo): *2600 mg/kg*

12. ECOLOGICAL INFORMATION

Do not leave in environment.

13. CONSIDERATION ABOUT TO SELL OF:

The product can be reduced to ashes in authorized plants.

PACKING:. *can be reduced to ashes in authorized plants.*

14. TRANSPORT INFORMATION

ROAD WAY- ADR/RID: *NO CLASSIFICATION.*

SEA WAY - IMDG: *NO CLASSIFICATION.*

AIR WAY - ICAO/IATA: *NO CLASSIFICATION.*

15. REGULATORY INFORMATION

CEE LABEL: *no applicable.*

16. OTHER INFORMATION

BIBLIOGRAPHICAL ORIGIN: *SAX - 8 Ed. - MERCK INDEX - 11 Ed. - HANDBOOK OF POISONING - 12 Ed.*

ISSUED: *9/1991*

REVISION: *10/1992*

PRINT DAY: *1/1/1996*
