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MSDS Ref. No: QS-MSD-094
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lithium Orthophosphate, Tertiary
CHEMICAL FAMILY: Orthophosphates
MOLECULAR FORMULA: Li_3PO_4
SYNONYM(s): Catalytic Lithium Phosphate, Trilithium Phosphate, Tribasic Lithium Phosphate
GENERAL USE: Industrial Manufacturing

MANUFACTURER
ProChem, Inc.
826 Roosevelt Rd.
Rockford IL 61109

Emergency Telephone Numbers:
CHEMTREC (800) 424-9300

(800) 795-8788

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS #</u>	<u>Wt.%</u>
Lithium orthophosphate, tertiary	10377-52-3	99
lithium tetraborate	12007-60-2	<3

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: POTENTIAL HEALTH EFFECTS:

White powder
May be extremely irritating to eyes, nose, throat and mucous membranes.

COMMENTS:
(See Section 11, Toxicological Information)

4. FIRST AID MEASURES

EYES:

Flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.

SKIN:

Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

INGESTION:

Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. See a medical doctor immediately.

INHALATION:

Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.

NOTES TO MEDICAL DOCTOR:

Effects of oral exposure to lithium ion are well documented in the medical literature. Low toxicity is anticipated. In such cases, standard protocols for overdosage are suggested. Treatment is otherwise symptomatic and supportive.

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