

MATERIAL SAFETY DATA SHEET

TKO Phosphite 0-29-26

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company :	Growth Products, Ltd. 80 Lafayette Ave. White Plains, NY 106023
Phone Number:	1-914-428-1316
Chemical Name / Common Name:	Liquid P and K Fertilizer Solution
CAS No.	Not applicable. Formulated mixture

Section 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS: None. This product does not require labeling.

Section 3 – PHYSICAL DATA

Physical State:	Clear Liquid	Evaporation Rate:	Same as Water
Color:	Clear Colorless	Boiling Point:	212 Degrees F
Odor:	Slightly Acid Odor	Freezing Point:	-15 Degrees F
Weight Per Gallon:	12.5# @ 21 Degrees C	Viscosity:	5 - 15 cps @ 21 Degrees C
Storage Life at 70F:	2 years	Flash Point/Method:	N/A
pH – 21C:	7.3 – 7.8	Vapor Pressure:	N/A
Solubility:	Completely Miscible		

Section 4 – FIRE AND EXPLOSION HAZARD

Explosion Properties:	Noncombustible
Flammable Limit:	Non-combustible - LEL: N/A UEL: N/A
Extinguishing Media:	Does Not Burn
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None

Section 5 – HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE ACUTE (SHORT TERM EXPOSURE):

Liquid contact may cause slight eye irritation and repeated skin exposure may cause some skin irritation

CHRONIC (LONG TERM EXPOSURE): None known where the product is used under conditions of good hygiene.

EYES: Product may produce severe eye irritation.

SWALLOWING: Excessive ingestion may cause internal irritation.

SECTION 6 – EMERGENCY AND FIRST AID PROCEDURES

INHALATION:	Not expected to be harmful under normal conditions of use, however if allowed to become airborne, may cause irritation of nose, throat and lungs. Move to fresh air. Obtain medical attention if irritation develops.
EYE CONTACT:	May cause irritation. Flush eyes with Water for 15 min. Obtain medical attention.
SKIN CONTACT:	May cause irritation on prolonged or repeated contact. Wash skin thoroughly with soap and water.
INGESTION:	May cause irritation to digestive tract.

Section 7: TOXICITY INFORMATION

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ACUTE TOXICITY (LETHAL DOSES)

DERMAL LD₅₀: N/E

ORAL LD₅₀: N/E

ACUTE TOXICITY (IRRITATION, SENSITIZATION)

EFFECTS TO EYES: No corneal or iridal effects were noted at a dose of 0.1 ml for rabbits

EFFECTS TO INGESTION: Non toxic or pathogenic

EFFECTS TO SKIN: Moderate irritation, reversible within 7 days

CARCINOGENICITY DATE: N/E

Section 8: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: N/A

HAZARDOUS DECOMPOSITION PRODUCTS OF DRY MATERIAL: CO, CO₂, NH₃, Aldehydes (including Formaldehyde), particulate matter and other organic compound.

HAZARDOUS POLMERIZATION: Will not occur

Section 9: SPECIAL PROTECTION INFORMATION

PROTECTIVE GLOVES: Gloves

EYE PROTECTION: Use goggles if contact is likely.

OTHER PROTECTION: N/A

RESPIRATORY PROTECTION OR REQUIRED VENTILATION:

Not normally needed. Where air contaminants can exceed acceptable criteria use NIOSH/MSHA approved respiratory protection equipment.

Section 10 – SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Prevent product from entering drinking water supplies. Collect liquid or solidify with absorbent material and package for disposal according to local, state, and federal regulations.

WASTE DISPOSAL PRECEDURES:

This product is likely to have a pH less than 8.5 and would not be considered a federal hazardous waste according to EPA regulation 40CFR 261. Dispose in accordance with state and local regulation.

REPORTABLE QUANTITY UNDER CERCLA: N/A

Section 11 – STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE:

MAX 100° F **MIN** 32° F **INDOOR** ✓ **OUTDOOR** ✗ **REFRIG.** ✗

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Not harmed by freezing. Thaw frozen fertilizer slowly and stir before using. Store in a cool place. Rotate stock in storage to use oldest first.

Section 12 – TRANSPORTATION INFORMATION

DOT UN STATUS: This material is not regulated hazardous material for transportation

OTHER PRECAUTIONS:

Read entire label before using

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ABBREVIATIONS: N/E – NOT ESTABLISHED

N/A – NOT APPLICABLE