

SWP AGRI (PTY) LTD
MATERIAL SAFETY DATA SHEET

PhosUp+N

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SECTION 1.

NAME: **PhosUp+N**

Recommended use: **PhosUp+N** is an agriculture – fertilizer, and nutrient supplement.

Health	Flammability	Personal Protection
0	0	2

HEALTH: FLAMMABILITY: PERSONAL PROTECTION:
 0 = Minimal 0 = Non Flammable 0 = Not necessary
 1 = Hazardous 1 = Flammable 1 = Gloves,
 2 = Gloves, goggles, respirator.

SECTION 2: -Composition

PhosUp+N is a liquid ammonium orthophosphate fertilizer.

COMPONENTS: Typical N – P Components 7.55 - 9.61

Phosphates – Ortho as P, % m/m - 9.40

Phosphates - Poly as P, % m/m - 0.21

HAZARDOUS CLASSIFICATION: Non – hazardous.

Risk phrases: S26

SECTION 3: - HEALTH HAZARD & FIRST AID

- | | |
|--------------------------|------|
| 1. Acute Health Effect | None |
| 2. Chronic Health Effect | None |
3. Primary Entry Routes:
- Skin: Skin none.
 - Eye contact may cause burning and irritation.
 - Ingestion: Practically non-toxic if swallowed
 - Inhalation: None
4. First Aid:
- Skin: Wash with cold water.
 - Eyes: Wash eyes with clean cold water. Get medical Attention
 - Ingestion: Drink lots of water, get medical attention if symptoms appear.
 - Inhalation: Move to fresh air.

SECTION 8: - SPILL OR LEAK PROCEDURES

- Wear recommended Personal Protection Equipment.
- Sweep up spilled product-dissolved in water and dispose.
- Flush area with water and mop up.
- Abide by State and local regulations.

SECTION 9: - PERSONAL PROTECTION

- Respiratory protection: Niosh/Msha Approved respirator.
- Ventilation: No special requirements.
- Eye Protection: Recommended safety glasses if risk assessment indicates this necessary.
- Protected Gloves: Chemical-resistant gloves if risk assessment indicates this necessary.
- Work Hygienic Protection: None specified.

SECTION 10: - Stability and reactivity

- Ammonia generation under alkaline conditions.

SECTION 4: PHYSICAL & CHEMICAL DATA

- | | |
|---------------------------------|------------|
| 1) Physical State | Liquid |
| 2) Colour | Colourless |
| 3) Odour | None |
| 4) Solubility in Water | Complete |
| 5) Specific Gravity (H20 = 1.0) | 1.27 |
| 6) Ph. | 6.5 – 7.0 |
| 7) Freeze Point | N/A |
| 8) Flash Point | N/A |

SECTION 11: - TOXICOLOGY INFORMATION

- Carcinogenicity : NTP : No
- Carcinogenicity : IARC : No
- Carcinogenicity : OSHA : No

SECTION 12: - ECOLOGICAL INFORMATION

Biodegradability/OECD: Not applicable, since inorganic product
 Other adverse effects : Can contribute to eutrophication :
 Phosphates

SECTION 13: – DISPOSAL CONSIDERATIONS

- Disposal of this product should at all times comply with requirements of environmental protection and waste disposal legislation and local authority requirements.

SECTION 5: FIRE AND EXPLOSION HAZARD

- | | |
|------------------------------------|----------------------|
| 1) Flash Point | None (will not burn) |
| 2) Extinguishing Media | N/A |
| 3) Special Fire Fighting Procedure | N/A |

SECTION 14: - TRANSPORTATION INFORMATION

- Not regulated.

SECTION 6: REACTIVITY DATA

- | | |
|------------------------|--------|
| 1) Stability | Stable |
| 2) Conditions to Avoid | None |

SECTION 15: - REGULATORY INFORMATION

- Label Required : Yes
- Technical Review Date:
- Contact Hazard : None
- Fire Hazard : None
- Special Hazard: Eye –R36 – Irritating to eyes
 Skin – None
 Respiratory – None
 Ingestion – None
- Manufacturer believes that data are offered in good faith as typical values and not as product specification. No warranty expressed or implied, is made.

SECTION 7: - HANDLING AND STORAGE

- Read & follow all label directions & precautions before using product.
- KEEP OUT OF REACH OF CHILDREN
- Keep container tightly closed.