



MATERIAL SAFETY DATA SHEET

NEXTAC N®

1. Chemical Product and Company Identification

Product name: NEXTAC N®
Use of Product: For the agricultural industry according to the corresponding technical data sheet.
Manufacture name: GAP Industries Co., Ltd.
Manufacture address: 77 Mu 9, Muang Thong Thani, Chaengwatana Road, Bang Phut, Pak Kret, Nonthaburi 11120, Thailand
Telephone: (+66 2) 9840999
Fax: (+66 2) 9840997

2. Composition/Information on Ingredients

Product name:	NEXTAC N®		
Components:	Nitrogen (N)	16.0%	w/w
	Phosphate (P ₂ O ₅)	12.0%	w/w
	Potassium (K ₂ O)	6.0%	w/w
	Calcium (CaO)	5.0%	w/w
	Magnesium (MgO)	2.5%	w/w
	Zinc (Zn)	7.0%	w/w
	Iron (Fe)	1.0%	w/w
	Boron (B)	1.0%	w/w

3. Hazardous Identification

Human Hazardous Effects: May cause mild skin or eye irritation but no significant effects.

4. First Aid Measures

General Information: In case of persisting adverse effects consult a physician.
Specific Measures:
Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion: Induce vomiting if swallowed. Wash mouth thoroughly. Get medical attention immediately.
Skin Contact: In case of irritation, remove clothing. Wipe excess from skin. Wash with mild soap and water for at least 5 minutes. Wash clothing before re-use.
Eye Contact: Flush eye promptly with plenty of water, lifting lower and upper eyelids. Get medical attention immediately.

5. Firefighting Measures

Fire: Not combustible.
Extinguishing Media: Any mean suitable for extinguishing surrounding fire. Spray water for small fires. For large fires flood with abundant water.
Fire Fighting Procedure: Call for fire brigade. Avoid breathing the fumes. Stand upwind of the fire. Wear self-contained breathing apparatus.





6. Accidental Release Measures

Personal Precautions:	Ventilate the area. Use personal protective equipment. Wear respirator, chemical safety goggles or face shield, rubber gloves and boots when handling.
Environmental Precautions:	Do not discharge into drains. Avoid surface and ground water contamination.
Methods for Cleaning Up:	Pick up the product mechanically and store in suitable and clean containers for recovery or disposal. Wash spillage area with plenty of water.

7. Handling and Storage

Handling

Special Procedure:	None
Safety Handling:	Minimize dust generation or avoid excessive dust generation. Use appropriate personal protective equipment.

Storage

Special Requirement:	Set upright to avoid leakage. Keep the product in the original containers.
Storage Condition:	Store in dry, cool and well-ventilated area away from incompatible materials.

8. Exposure Controls/Personal Protection

Exposure Limits:	No established specific exposure limits for this material.
Exposure Controls:	Local exhaust ventilation to keep low dust environment.
Personal Protective Equipment:	
Respiratory:	Dust mask to use if necessary.
Eyes:	Safety goggles required all the time.
Hands:	Rubber gloves to wear all the time.
Hygiene Measures:	Do not drink, eat or smoke during product manipulation. Avoid contact with skin and eyes and inhalation. Keep away from foodstuffs and beverages. Wash hands before breaks. Showering and changing clothes after work.

9. Physical and Chemical Properties

Physical Form	: Solid and white powder
Color	: Whitish particles
Odor	: Odorless
pH	: 6.0-8.0 (1% in water)
Solubility	: partially in water
Moisture Contents	: < 3%
Boiling Point	: not applicable
Flash Point	: not applicable
Flammability	: not flammable
Explosive Properties	: not applicable

10. Stability and Reactivity

Stability:	Stable under normal storage and temperature conditions and with proper handling and use.
Conditions to Avoid:	Keep away from flammable, combustible, strong acidity and reducing substances.
Hazardous Reaction/Decomposition:	In combustion, emits toxic fumes.





11. Toxicological Information

Short-term Effects: Inhalation may cause irritation of respiratory tract. Can cause skin and eye irritation.
Chronic Effects: No adverse effects observed on developmental toxicity.

12. Ecological Information

General: Do not discharge into drains and waterways or public depositories.
Environmental Fate: The product is designed for foliar application. No any effects observed against environment when the product used properly in accordance with recommendation.

13. Disposal Considerations

Waste Disposal: Dispose to an authorized waste facility following the instruction in section 6 of this MSDS. Prevent discharge of waste into watercourses and drains. Observe all local environmental regulation when disposing of this material.
Empty Packaging: Empty containers may be reused after appropriate cleansing. Packaging that cannot be cleaned should be disposed in accordance with local environmental regulation or the reliable waste disposal company.

14. Transport Information

UN No. : Not regulated
IMO-Code/IMO : Not regulated
ICAO/IATA : Not regulated
RID/ADR : Not regulated
US DOT : Not regulated

15. Regulatory Information

Hazard Symbol : Not significantly hazardous
Label : None

Note: The information given above only indicates for the normally principle regulation that applicable to the product description in the material safety data sheet. The user's attention is drawn to the possible existence of additional provisions that complete these regulations, refer to all applicable national, international and local regulations or provisions.

16. Other Information

The information above is believed to be accurate and represents the best information currently available to use. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall GAP Industries Co., Ltd., be liable for any claims, or losses, or damages of any third party or for the lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if GAP Industries Co., Ltd., has been advised of the possibility of such damage.



Issued: 20.06.2012