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Material Safety Data Sheet (MSDS)

Section 1: Chemical Product and Company Identification	
Product Name	Amino-Dithiophosphate
CAS Number	4033-61-8
Chemical Formula	C ₁₄ H ₂₀ ClO ₃ PS
Company Name	CAMACHEM (Part of CAMAL Group) 3F Jinlong East Beijing Station Road Chaoyang District, Beijing, China
Contact	sales@camachem.com
Company Website	www.camachem.com
Section 2: Composition and Information on Ingredients	
Name	Amino-Dithiophosphate
CAS #	4033-61-8
% by Weight	>90
Section 3: Hazards Identification	
Classification of the substance or mixture:	No data available.
Signal word:	No data available.
Hazard statement(s):	No data available.
Section 4: First Aid Measures	
General advice:	Medical attention is required. Consult a doctor. Show this safety data sheet (SDS) to the doctor in attendance.
Eye Contact:	Rinse with pure water for at least 15 minutes. Consult a doctor.
Skin Contact:	Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.
Inhalation:	Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

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Ingestion:	Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.
Section 5: Fire and Explosion Data	
Suitable extinguishing media:	Use dry chemical, carbon dioxide or alcohol-resistant foam.
Special hazards arising from the substance or mixture:	No data available.
Special protective actions for fire-fighters:	Wear self-contained breathing apparatus for firefighting if necessary.
Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures:	Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Environmental precautions:	Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up:	Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
Section 7: Handling and Storage	
Precautions for safe handling:	Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.
Conditions for safe storage, including any incompatibilities:	Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.
Section 8: Exposure Controls/Personal Protection	

Components with workplace control parameters:	No data available.
Appropriate engineering controls:	Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.
Eye/face protection:	Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).
Skin protection:	Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Respiratory protection:	If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.
Control of environmental exposure:	No data available.
Section 9: Physical and Chemical Properties	
Physical state and appearance:	No data available.
Odour:	No data available.
Odour Threshold:	No data available.
PH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
Relative density:	No data available.
Water solubility:	No data available.
Partition coefficient:	No data available.
Auto-ignition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.
Section 10: Stability and Reactivity Data	
Reactivity:	No data available.
Stability:	No data available.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No data available.
Incompatibility with various substances:	No data available.
Hazardous decomposition products:	No data available.

Section 11: Toxicological Information

Acute toxicity:	Oral: no data available Inhalation: no data available Dermal: no data available
Toxicity to Animals:	No data available.
Serious eye damage/eye irritation:	No data available.
Other Toxic Effects on Humans:	No data available.
Respiratory or skin sensitisation:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
Specific target organ toxicity - single exposure:	No data available.
Specific target organ toxicity - repeated exposure:	No data available.
Aspiration hazard:	No data available.

Section 12: Ecological Information

Toxicity:	Toxicity to fish: no data available Toxicity to daphnia and other aquatic invertebrates: no data available Toxicity to algae: no data available Toxicity to microorganisms: no data available
Persistence and degradability:	No data available.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
Other adverse effects:	No data available.

Section 13: Disposal Considerations

Product:	The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.
Contaminated packaging:	Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

Section 14: Transport Information



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DOT (US):	No data available.
IMDG:	No data available.
IATA:	No data available.
Section 15: Other Regulatory Information	
European Inventory of Existing Commercial Chemical Substances (EINECS):	Not Listed.
EC Inventory:	Not Listed.
United States Toxic Substances Control Act (TSCA) Inventory	Not Listed.
China Catalog of Hazardous chemicals 2015	Not Listed.
New Zealand Inventory of Chemicals (NZIoC)	Not Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Not Listed.
Vietnam National Chemical Inventory	Not Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)	Not Listed.
Korea Existing Chemicals List (KECL)	Not Listed.
Section 16: Other Information	
References:	None.
Other Special Considerations:	None.
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