

22130018

Materials Safety Data Sheet

PN 10314G

1. PRODUCT AND COMPANY IDENTIFICATION	Name: Aquipak Pouches, Part Nos. 103-146/8/10 Non woven polypropylene impregnated with Super Absorbent Polymer	First Filled on International Co Ltd 372 Moo 5, Kiatmurt Road Banglamung Chonburi 20260 Thailand
2. COMPOSITION	Material: 4.5% w/w CAS No 67-56-1 N.B. This chemical is over the minimum concentration levels and therefore added to the requirements of Section 315 of the Emergency Planning and Community Right to Know Act of 1986 and 40 CFR 312 U.S.A. A fully quarternary ammonium chloride (2-18 carbon atoms) ~8% w/w (CAS No 107-64-2) Synthetic polymer	OSHA PEL TWA 200 ppm STEL .. ACGIH TLV TWA 200 ppm STEL 250 ppm SARA 313 Yes Nuisance particulate 15 mg/m3 of total dust Nuisance particulate 10 mg/m3 of total dust
3. PHYSICAL & CHEMICAL PROPERTIES	Physical State & Appearance Odour Melting Point Boiling Point Specific Gravity Vapour Pressure (mm Hg) Volatiles (% by wt) Vapour Density Solubility in Water Hydration Ratio Flash Point	Colours to light tan granular solids or powder None Approx 199 C (Decomposes) Not applicable Not known Not applicable. Negligible below decomposition temperature ~8 % Not applicable 5.5-8 Negligible. Swells in water. Is not completely insoluble. Contains water extractable material. 1:100 to >>1:400 (Varies with grade and batch of material) Not Applicable

4. HAZARD IDENTIFICATION	Bulk Density Mechanical Contact	Varies with grain size and moisture content. For rough circulation purposes 0.50 to 0.55 g/cm ³ as shipped. Makes surfaces extremely slippery. When it is dispersed in water, this material forms a gel that may make surfaces extremely slippery, posing a slip and fall hazard (impose the other hazards associated with slippery surfaces). This effect is more pronounced with the finer ground products and fines (3.5% from the granular forms). Irritates eyes, may cause slight skin irritation.
5. FIRE & EXPLOSION DATA	Inhalation Flammability Flash Point (FP) Autoignition Temperature Lower Explosive Limit (LEL) Upper Explosive Limit (UEL) Combustion Products Extinguishing Media Minimum Ignition Minimum Ignition Special Hazards for Firefighters	Dust may cause respiratory irritation. Combustible. Not Applicable. Not Available. Not Available. Not Available. Not Available. Combustion and/or thermal decomposition may release hydrogen chloride, carbon dioxide, carbon monoxide, hydrocarbons, hydrogen cyanide and nitrogen oxides. N/A. Water, Water Spray, Foam, CO ₂ , Dry Powder (CAUTION: Aquasol polymers absorb water and become very slippery and heavy when wet). 37°C. 6.455 kg/m ³ . May emit acid fumes once heated to decomposition temperature. Flammability is enhanced by the presence of oxidizers. Dust explosions may occur if the material is sufficiently fine and dispersed in air. If the material is makes surfaces extremely slippery when it has absorbed water, posing a slip hazard. This material reacts with and swells enormously, becoming much heavier as the process. Once wet this material may pose a mechanical bursting hazard. Stacks of bags or pallets may become unstable and topple. Supporting structures may fail under the added weight of the material once it has absorbed water. Inhalation: Yes, as dust. Skin: No. Ingestion: unlikely, but if swallowed it would cause severe irritation and swelling of the stomach. Carcinogenicity: NTP: no ARC: no OSHA: no Threshold Limit Value (TLV): Not known Acute Oral Toxicity (LD50): >5.0 g/kg of body weight
6. HEALTH HAZARD DATA	Routes of Entry Carcinogenicity Threshold Limit Value (TLV) Acute Oral Toxicity (LD50)	

can must be taken to ensure that any slippery material is completely removed.	Vol. 506	10. SPECIAL PROTECTION INFORMATION Respiratory Protective Equipment	Exclude food and vehicular traffic as above 1.1a. precautions to avoid slipping or falling during the cleanup. Use scoop, shovel or squeegee to collect wet material into suitable containers for disposal. Disposal of material in accordance with national and local legislation. Protective clothing gloves or protective eyewear are not required but recommended. Use appropriate NIOSH approved respirator if required. Respirator selection must be based on chemical, then review found in the work area. Consult with OSHA at 1-800-295-5319 or 1-800-134. Respiratory Protection and 29 CFR 1910.134 Consult with NIOSH for exposure limits. Eye wash and decontamination procedures. Follow good housekeeping practices. After working with this material, remove contaminated shoes and clothing and wash thoroughly with soap and water.
11. HANDLING & STORAGE	Ventilation Precautions	Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements. PELs or ACGIH TLV requirements.	Keep away from skin. Keep away from face. Wash eyes continuously to keep them out of eyes. Store this material may irritate skin, wear suitable clothing to avoid penetration or repeated skin contact. Do not allow the dust to get into clothing. Do not ingest. Wash thoroughly at breaks, before eating and at the end of work. Or when finished handling the material. Never drink water that has been in contact with the product. Always wear a dust mask or respirator where there is possibility of irritation. Keep material, especially dust, away from sparks or ignition sources. Avoid conditions where the material may become slippery due to coming into contact with water. Store in a cool dry place away from oxidizers. The spill kit of properly stored material should exceed one year. Store in original packaging in a cool dry position to avoid possible absorption before use. Keep bins sealed.

[illegible]

The information contained herein is furnished without warranty of any kind. Employer should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to ensure proper use of these products and to ensure the safety and health of employees. All chemicals may pose physical, health, and environmental hazards and must be used with caution. This material's safety data sheet (SDS) applies only to the material as packaged and not otherwise altered. This material is combined with other materials, derivatives, or becomes contaminated may pose hazards not mentioned in the MSDS. It is the user's responsibility to ensure proper handling, use, and storage of this material. The information provided herein is based on the actual conditions of use. While this MSDS is based on technical data believed to be reliable, First Filtration International assumes no responsibility for the completeness or accuracy of the information contained herein.

For other information or assistance call 1-866-01-38-515, 238 or fax 1-866-01-38-514 032