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| **PRODUCT DATA SHEET** **PAAS** | |
| Synonyms | Sodium Polyacrylate |
| CAS Number | 9003-04-7 |
| Molecular Formula | (C3H3 O2Na)n |
| Structural Formula | http://www.th-chem.com/cp_img/3/PAAS.gif |
| Product Grade | Industrial |
| Description  & Application | PAAS is innoxious and soluble in water, it can be used in situations of alkaline and high concentration without scale sediment. PAAS can disperse the microcrystals or microsand of calcium carbonate, calcium phosphate and calcium sulfate. PAAS is used as scale inhibitor and dispersant for circulating cool water system, papermaking, weave, dyeing, ceramic, painting, etc.PAAS can be used as scale inhibitor and dispersant in circulating cool water systems in power plants, iron & steel factories, chemical fertilizer plants, refineries and air conditioning systems. |
| Safety Protection | Acidity, Avoid contact with eye and skin, once contacted, flush with water. |
| Specification | Solid content % : ≥50  Free Monomer %：≤0.5  pH（1% solution）:6.0-8.0  Density(20℃) g/cm3 : ≥1.20  Appearance: slight yellow transparent liquid |
| Note:30%,40% Polyacrylic acid sodium can be supplied on demands. | |
| Package | Normally In 25kg net Plastic Drum.Stored in cool and dry place. |
| Shelf Life | 10 months. |