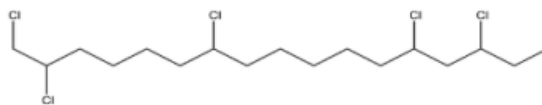
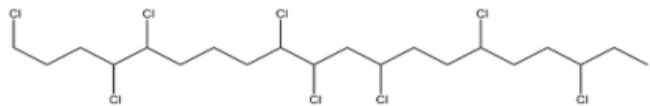
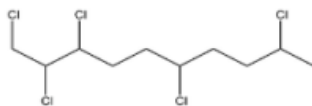


## Letter of Guarantee on Hazardous substance to Environments

1. Our company presents <the Letter of Guarantee on the Hazardous substance to Environments> to guarantee the environmental-friendliness of our products in response to the international regulation on hazardous substance to environments.
2. All Copper and Copper Alloy products manufactured from our company doesn't contain Chlorinated Paraffins, and also we do not use Chlorinated Paraffins in manufacturing process.

### ► Chlorinated Paraffins

- Chlorinated Paraffins are in use for a wide range of industrial applications, such as flame retardants and plasticisers, as additives in metal working fluids, in sealants, paints, adhesives, textiles, leather fat and coatings.
- Chlorinated Paraffins are subdivided according to their carbon chain length into short-chain CPs (SCCPs, C10–13), medium-chain CPs (MCCPs, C14–17) and long-chain CPs (LCCPs, C>17).
- Flash point : > 210 °C (The Melting point of our products is more than 1,000 °C)
- Compound Structure (Metal has no compound structure)



3. POONGSAN hereby certifies the above statement to be true. If the above statement turns out to be false, we guarantee to take full responsibility for all matters.

Company : POONGSAN CORPORATION

Name : Sang-Uk, Park

Title : Quality Assurance Team Leader

Signature : *S. U. Park*