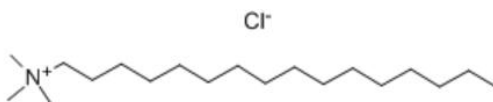




TECHNICAL DATA SHEET

| | |
|---------------------|---------------------------------------|
| Product | N-Hexadecyltrimethylammonium chloride |
| Chemical Name | cetyl Trimethyl Ammonium chloride |
| CAS | 112-02-7 |
| Chemical Formula | C ₁₉ H ₄₂ ClN |
| Molecular Weight | 320 |
| EINECS Number | 203-928-6 |
| Molecular structure | |



SPECIFICATION :

| ITEM | STANDARD LIMITS |
|------------------|---------------------------------|
| Appearance | white or yellowish liquid/paste |
| Melting point | 232-234 ° C |
| Boiling point | 475.54 ° C (rough estimate) |
| Density | 0.968g/mL at 25 ° C |
| Refractive index | n ₂₀ /D 1.3778 |
| PH | pH(50g/l, 25°C) : 6.0~8.5 |
| Water solubility | Soluble |

Packaging :

200L drum or pack as customer requirements.

Application:

- 1) This product is used for emulsifying silicone oil, hair conditioner emulsifier, fiber softener and antistatic agent. Can be used to soften and isolate paper. It is used as corrosion inhibitor in pickling industry. The petroleum industry is used to prevent internal corrosion of pipelines and acid water treatment systems.
- 2) Surfactants, widely used in asphalt emulsification and waterproof coating emulsification, glass fiber softening processing, industrial auxiliaries and silicone oil emulsifiers, pharmaceutical industrial auxiliaries, hair conditioner cosmetics emulsification conditioning, textile leather chemical additives, lotion foaming agent, fabric fiber softening and antistatic, polyester silk fibroin additives, organic bentonite covering agent, protein flocculation and water treatment flocculation, silkworm room disinfectant, washing, disinfection and sterilization, etc.

Shelf Life:

2 years in original packaging containers.