

# Technical information

## O-CRESOL

|              |                                 |                   |           |
|--------------|---------------------------------|-------------------|-----------|
| Synonyms:    | 2-methylphenol                  |                   |           |
| CAS number:  | 95-48-7                         | EINECS number:    | 202-423-8 |
| Formula:     | C <sub>7</sub> H <sub>8</sub> O | Molecular weight: | 108.1     |
| HTS number.: | 290712000                       | TSCA              |           |

### SPECIFICATION

|                     |                   |
|---------------------|-------------------|
| Appearance          | colorless needles |
| Purity              | ≥ 99.6 %          |
| Phenol and lighter  | < 0.1 %           |
| Xylenol and heavier | < 0.5 %           |
| Water               | ≤ 0.1 %           |

### PROPERTIES

|                       |                                            |
|-----------------------|--------------------------------------------|
| appearance:           | colorless needles or liquid; phenolic odor |
| density:              | 1.05                                       |
| melting point:        | 32-34 °C                                   |
| boiling point:        | 191 °C                                     |
| flashpoint:           | 81 °C                                      |
| solubility:           |                                            |
| - water               | slightly soluble                           |
| - oxygenated solvents | soluble                                    |

### PACKING

bulk in tanktrucks or ISO-tainer

### HEALTH & SAFETY, SHIPPING

|                        |               |
|------------------------|---------------|
| Classification RID/ADR | 6.1 / 27 b    |
|                        | T – Toxic     |
|                        | C – Corrosive |
| UN nr                  | 2076          |
| Codes / markings       | R 24/25-34    |
|                        | S 36/37/45/49 |



### APPLICATIONS

- cresylic resins (cresol / formaldehyde)
- anti-oxidant manufacture
- 4-chloro-o-cresol to MCPA and Mecoprop pesticides
- dyestuff manufacture
- disinfectant
- 2-methyl cyclohexanol

March 2010; o-Cresol 02504  
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