

## Doxycycline hydrochloride

**CMS526**


### Product Identifier

CAS No.	:	10592-13-9
EC No.	:	234-198-7
Molecular Formula	:	C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>8</sub> .HCl
Molecular Weight	:	480.90
HS Code	:	3004 90 99
Storage	:	2 - 8°C
Shelf life	:	3 years

### Technical Specification

Appearance	:	Yellow to orange crystals or powder or solid.
Solubility	:	33.3 mg soluble in 1 mL of water
pH (1% in water at 25°C)	:	2.00 - 3.00
Water (K.F.)	:	1.40 - 2.80%
Assay (HPLC)	:	95.00 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302- H361d
Precautionary Statement(s)	:	P202- P264- P270- P280- P301 + P312- P308 + P313
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	3