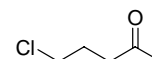


PRODUCT: C2444
 Trade Name: **1-Chloro-4-pentanone**
 Synonyms: Methyl-3-chloropropyl ketone

Molecular Formula: C₅H₉ClO
 Formula Weight: 120.58
 CA-Registry-No.: 5891-21-4
 EINECS-Number: 227-565-8
 RTECS: SA8143500

C2444



PHYSICAL PROPERTIES (literature data):

melting point: -
 boiling point: 72 °C (27 mbar)
 density: 1.057
 flash point: 32 °C

SAFETY DATA/TRANSPORT:

Custom Tariff Code: 2914 70 00

Dangerous goods: Yes	Primary Label: 3	Secondary Label: -
UN-Number: 1224	Class: 3	Packing Group: III
Kemler#: 30	GGVSee-EmS: 3-07	
PSN (See+Luft): Ketones, liquid, n.o.s. (1-Chloro-4-pentanone)		
R/S-Sentences: R: 10-20/21/22-40 S: 23-24/25-36/37/39		

SPECIFICATION:

Appearance: yellow to brown liquid
 Assay: 97.0 - 100.0 %(GC)
 IR-Spectrum: conforms
 Water Content: max. 0.5 %
 Refractive Index: 1.4380 - 1.4400

APPLICATION: Intermediate for Hydroxychloroquine

STORAGE: Store in a dry place. Protect from light. Not stable enough for long time storage

DATE OF ISSUE: 28. 09. 2006 Directive 92/32/EEC: Art 2 (2): 8

The information submitted in this publication is based on our current knowledge and experience