



Specification

Menadione

A2091

Physical Description:	Solid
Product Code:	A2091
Product Name:	Menadione
Specifications:	Assay (HPLC): min. 97 % Melting point: 104 - 106°C
Hazard pictograms	 
UN:	3077
Class/PG:	9/III
ADR:	9/III
IMDG:	9/III
IATA:	9/III
WGK:	3
Storage:	RT protected from light
Signal Word:	Attention
GHS Symbols:	GHS07 GHS09
H Phrases:	H302 H315 H319 H335

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Specification

Menadione

A2091

	H410
P Phrases:	P261 P280 P301+P312 P305+P351+P338 P405 P501
Molecular Formula:	$C_{11}H_8O_2$
M:	172.19 g/mol
CAS:	58-27-5
EINECS:	200-372-6
CS:	29146980
Comment	<p>Menadione serves as an intermediate hydrogen carrier for the promotion of the staining reaction of the reduction of nitroblue tetrazoliumchloride (NBT) in the histochemical staining (1). It is one of fat-soluble vitamins (vit. A, D, E, K). One gram dissolves in about 60 ml alcohol, 10 ml benzene or 50 ml vegetable oil. It is insoluble in water. Solutions may be heated to 120°C without decomposition (according to Merck Index 13th ed.)</p>
Bibliography	<p>(1) Auscher, C. & Amory, N. (1976) <i>Biomedicine</i> 25, 37-38 The histochemical localization of xanthin oxidase in rat liver.</p>

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