

## MIDURAL CHEMICALS SA

SWITZERLAND

### VITAMIN K3 - MSB COMPLEX

#### MENADIONE SODIUM BISULPHITE STABILIZED AND DILUTED

(2-methyl-1,4-napthoquinone-2-sodium bisulphite blended with carrier)

#### CHARACTERISTICS

CAS No:	130-37-0
EINECS No:	204-987-0
CHEMICAL COMPOSITION:	C <sub>11</sub> H <sub>9</sub> NaO <sub>5</sub> S
MOLECULAR WEIGHT (g/mol)	276.24
APPEARANCE:	Microcrystalline flowing powder
COLOUR:	White to whitish

#### ANALYTICAL DATA

PURITY (Anhydrous basis)	% min	63.0
MENADIONE	% min	33.0
WATER	% max	13.0
MELTING POINT (for pure MSB)	°C	121-124
SOLUBILITY IN WATER	25°C	0.7g in 2ml (very soluble)

#### APPLICATION

Feed supplement in powder form for the production of animal feed and premix in order to improve the safety and productivity of farm animals including birds.

#### PACKING

Cardboard box of 25kg with internal polyethylene bag inside. Bigbags of 500kg.

#### STORAGE

Store in a cool, dry and ventilated place. Do not expose to heat and sunlight. Keep bags closed when not in use.

#### SHELF LIFE

24 months from the date of production in storage without opening the original package.

#### SPECIAL ADVICE FOR SECURITY

Consult safety data sheets.

MIDURAL CHEMICALS SA

Huobstrasse 10  
8808Pfaeffikon  
Switzerland  
T. +41 55 536 48 31  
[info@miduralchemicals.ch](mailto:info@miduralchemicals.ch)

*Information stated in this report is drawn from accurate laboratory researches, checked by industrial tests. It has to be considered as reference and help for a better use of our products but can not be held as specific guarantee in view of the numerous factors which can escape to our control and may, during preparation, influence results.*