

SAFETY DATA SHEET BIOTEK 720

1. IDENTIFICATION

Trade name: Biotek 720
Generic Type: None
Product type/area of use: Biocide

2. INFORMATION ON COMPOSITION

Substances which give the product

<u>its health-risk properties</u>	<u>CAS-no</u>	<u>Contents %</u>	<u>Remarks</u>
POLYQUATERNARY AMMONIUM COMPOUND	25988-97-0	25-40	

3. HAZARDS IDENTIFICATION

Inhalation
Liquid material – inhalation not possible
Eye Contact
Very mild irritant
Skin Contact
Not irritating
Ingestion
Not irritating

4. FIRST-AID MEASURES

Inhalation
Not applicable
Eye Contact
Wash immediately with plenty of water
Skin Contact
Remove immediately contaminated clothing and wash skin
Ingestion
Drink plenty of water
Information to Doctor
Neutral solution of a quat

Cont.....

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Water based product with no special hazards
Precautions: None required
Extinguishing Media: No special media required
Not Suitable Extinguishing Media: None

6. ACCIDENTAL RELEASE MEASURES

Absorb by inert material. Flush spill area with plenty of water.

7. HANDLING AND STORAGE

Handling: Wear gloves, eye protection and overalls
Storage: Store indoors and prevent from freezing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control: Avoid eye and skin contact
Personal Protection: Wear gloves, goggles and overalls when handling the material

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Water white liquid		
Boiling Point (°C):	100°C	Density (Kg/m ³):	1.02 – 1.10
Flashpoint (°C) TCC:	None	Vapour pressure (mmHg)	
Pour point (°C):	None	Vapour density (air=1)	
Auto-ignition Temp (°C):	None	Soluble in organic solvent:	None
Expl.omr. (vol%):		Solubility in water (w-%):	100%
pH (concentrate):	6 – 7	pH (10% solution in distilled water)	
Rel. evaporation rate:	N/A	Ether = 1:	Butylacetate = 100
Viscosity (cSt):			

10. STABILITY AND REACTIVITY

Stability: The product is stable and has a shelf life of 2 years
Avoid Blending With: None
Dangerous Products of Degradation: None
Dangerous Products of Combustion: None

11. TOXICOLOGY INFORMATION

Analysis Data: LC₅₀ [RAT] > 5000mg/kg (OECD 401) Considered to be non-toxic
Remarks: OECD 404 Non Irritant (SKIN)
OECD 405 Non Irritant (EYES)

12. ECOLOGICAL INFORMATION

Analysis Data: LC₅₀ Rainbow Trout 2mg/l OECD 203 Considered to be of danger to the environment

13. DISPOSAL CONSIDERATIONS

Recommendations: Product which in use is diluted down considerably and allowed to enter the environment

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14. TRANSPORT INFORMATION

None

15. REGULATORY INFORMATION

Chemical Health Hazard: None

Chemical to the Environment:

Inflammable Product:

Class:

Explosive Product:

Tmsp. Class:

Labelling Category [-s]:

Symbol [-er]:

Main Text:

R-Phase [-s]: 50, 53

S-Phase [-s]: 56, 61

16. OTHER INFORMATION

No carcinogenic properties has been found with any ingredients.

No evidence of mutagenic effects

Exposure limits not assigned

Raw material is approved for use in swimming pools