

POLITOL SOLUTION

1. PRODUCT AND SUPPLIER INFORMATION

Product Name: Politol V & Politol B

Supplier: Balco Engineering, Fax: 0121 357 4159
Tel: 0121 358 1456

2. CHEMICAL COMPOSITION

The compound is an aqueous solution of anionic and non-ionic surfactants.

3. POSSIBLE HAZARDS

Hazard symbol: Xi (Irritant)
R-Regulations: 36/38 Irritates eyes and skin.

4. FIRST AID MEASURES

General Information:
Change contaminated clothing immediately.

After inhalation:
Not applicable.

After skin contact:
Wash off thoroughly with water and soap and afterwards use barrier cream.

After eye contact:
Rinse the eyes with copious amounts of water and seek medical attention immediately.

Information for the Doctor:
The product consists of strongly foaming surfactants with anionic and non-ionic load.

5. FIRE-FIGHTING INFORMATION

Suitable extinguishing material:
Foam, carbon dioxide, dry powder extinguisher, water spray

Unsuitable extinguishing material:
None known.

Special dangers in case of fire:
Carbon monoxide, carbon dioxide and nitrogen oxide may be produced.

Special protective equipment for fighting fire:
Independent recirculating breathing apparatus should be worn.



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6. MEASURE AFTER ACCIDENTAL SPILLAGE

Personnel considerations:

Avoid skin and eye contact

Environmental considerations:

The product should not be allowed to enter the sewer system, surface or ground water.

Methods of Cleaning/Collection:

Collect the product with the aid of absorbent material (e.g. universal binding agent or cat litter) and rinse away the residue with water to prevent the danger of spilling.

7. HANDLING AND STORAGE

Handling:

Protect the product against contamination.

Storage:

Keep containers sealed and protect from frost.

8. EXPOSURE LIMITS AND PERSONAL PROTECTION

Face mask:

Not required

Hand protection:

Rubber gloves

Eye protection:

Safety spectacles

Body protection:

Long sleeved clothing

Hygiene:

Keep the product away from food and drink. Use barrier cream regularly on skin and change contaminated clothing.

9. PHYSICAL AND CHEMICAL CHARACTERISTICS

Form: Liquid

Colour: Yellow

Smell: Neutral

Boiling Point:

approx. 96°C

Melting Point:

n.d.

Flash Point:

>100°C

Ignition Temperature:

>200°C



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Explosion Limits:	lower n.a. Upper n.a.	
Steam Pressure:	approx. 23mbar (20°C)	
Density:	approx. 1.01 g/cm	DIN 51757 A
Bulk Density	n.a.	
Solubility:	mixable	
pH value:	8.5 – (20°C) at 10 g/l water	
Viscosity:	approx. 50 mPas	DIN 53921

(n.a. = not applicable, n.d. = not determined)

10. STABILITY AND REACTIVITY

Conditions which should be avoided:

None known

Materials to be avoided

None known

Dangerous decomposition products

None known

11. TOXICOLOGY

Acute toxicity:

LD50 value (orally, rat mg/kg) >8000 (calculated)

Skin: irritation

Mucous membrane: irritation

Sensitisation: not known

Further information:

The product was classified as per the criteria of the regulations regarding hazardous material, enclosure II, number 1.3.2.

12. ECOLOGY

Classification WGK 2.

13. DISPOSAL

Recommendation:

While observing local regulations the product can be taken to a recognized waste tip.

14. TRANSPORTATION

Inland transportation ADN/ADNR

Class: Number: Category:



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Identification:

Remarks: The product does not require identification.

Shipment by seafreight IMDG/GGVSee:

Class: Un – No: Packing group:
EmS MFAG: Marine pollutant:

Identification:

Remarks: The product does not require identification.

15. REGULATIONS

Identification as per EC regulation:

Hazard symbol: Xi(irritant)
Contains: Fatty acid diethanolamide
R-Regulations: 36/38 Irritates eyes and skin
S-Regulations: 24/25 Avoid contact with eyes and skin

National regulations

Classification to VbF: Product is not combustible
Water hazard classification: WGK 2

16. ADDITIONAL INFORMATION

The information given on this safety data sheet is based on our current knowledge and refers to the conditions when the product is supplied. The information given describes the safety requirements only and does not assure certain characteristics.

This product is prescribed for use within the guidelines of our effluent treatment techniques (see technical data sheet). Before using it for other applications, please contact our technical department.



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