

Date of issue : 17.05.2011 Replaces Data Sheet of : 10.06.2005
 "*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product identifier**
Trade Name : Binding Buffer B6
Article No. : n.av.
Preparation No. : n.av.
Registration No. :
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
 Analytics, Diagnostics
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier :**
 STRATEC Molecular GmbH, Robert-Rössle-Straße 10, D - 13125 Berlin
 Telephone : +49-30-94 89-3796, Telefax : +49-30-94 89-3795, E-Mail : n.av.
- 1.3.2 **Responsible :**
 Chemie & Vorschrift, Kannheideweg 35, D-53123 Bonn-Duisdorf; E-Mail: info[at]chemie-vorschrift.de
- 1.4 **Emergency telephone number**
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning
 Telephone : +49-30-94 89-3796 (08:30 - 16:30) Telephone : +49 - 761 - 19 240

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
 Highly flammable & Irritant
- 2.2 **Label elements**
 Classification according to EEC - Regulations : Yes.
 Applicable Exemptions : Yes.
 Hazard Identification : Highly flammable & Irritant
 Component(s) :

Hazard Symbol(s) :



R - Phrases :

R 11: Highly flammable.
 R 36: Irritating to eyes.
 R 67: Vapours may cause drowsiness and dizziness.

S - Phrases :

S 7: Keep container tightly closed.
 S 16: Keep away from sources of ignition - No smoking.
 S 24 / 25: Avoid contact with skin and eyes.
 S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Additional Markings :
 None.

Classification according to 1272/2008/EC : Yes.
 Signal word(s) : Danger
 Component(s) :

Hazard pictogram(s) :



H - Phrases :

H225: Highly flammable liquid and vapour.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.

P - Phrases :

P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
 P233: Keep container tightly closed.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Additional Markings :
 None.

The above mentioned labelling is valid for distribution to industrial user.

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2.3 Other hazards

Degreases skin. May cause skin and eye irritation. Materials should be tested for resistance.

SECTION 3: Composition/information on ingredients**3.1 Substances****Chemical Characterisation :**

Alcoholic solution of inorganic buffer

3.2 Mixtures**Dangerous Ingredients :**

CAS - No.	Index - No.	EEC - No.	Material	m% - range	Symbol	R / H - phrases
67-63-0	603-117-00-0	200-661-7	2-Propanol	50 - 100%	F, Xi ; GHS02	R 11-36-67 ; H225 GHS07 H319 H336

SECTION 4: First aid measures**4.1 Description of first aid measures****4.1.1 Inhalation :**

After inhalation of product / fumes of fire leave contaminated area and provide for fresh air. In the event of symptoms occurring, seek medical treatment.

4.1.2 Skin Contact :

Wash away with water. In the event of symptoms occurring, seek medical treatment.

4.1.3 Eye Contact :

Flush eyes out immediately with large amounts of water with eye lids lifted. If irritation persists, contact physician.

4.1.4 Ingestion :

Rinse mouth out and drink plenty of water. Consult physician.

4.2 Most important symptoms and effects, both acute and delayed

n.av.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures**5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media :**

water spray jet, Foam, dry chemicals, CO2.

5.1.2 Extinguishing Media to Avoid :

None.

5.2 Special hazards arising from the substance or mixture

In case of fire, product may form: Organic crackproducts and carbon oxides.

5.3 Advice for firefighters**5.3.1 Special Protective Equipment :**

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information :

None.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Keep away from sources of ignition.

6.2 Environmental precautions

Do not allow larger quantities to enter drainage. Inform responsible authorities after accidental conduction of larger quantities. Soak up with absorbent material. Flush away residues with water.

6.3 Methods and material for containment and cleaning up

Packaging that cannot be cleaned should be disposed of as for product

6.4 Reference to other sections

None.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****7.1.1 Precautions for Safe Handling :**

Keep container tightly closed. Close container straight after use or if empty.

7.1.2 Precautions in Case of Fire and Explosion :

Keep away from sources of ignition, do not smoke. Vapours may form an explosive mixture with air.

7.2 Conditions for safe storage, including any incompatibilities**7.2.1 Storage Instructions :**

Floor must be resistant against solvents.

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- 10.6 **Hazardous decomposition products**
 No dangerous decomposition products when properly handled.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****11.1.1 Acute Health Effects :**

Inhalation, LC₅₀ rat, (mg/l/4h) : n.av.
 Ingestion, LD₅₀ rat, (mg/kg) : n.av.
 Skin - contact, LD₅₀ rat, (mg/kg) : n.av.
 Irritation (to skin / eye) : n.av.
 Sensitisation : n.av.

11.1.2 Subacute / Chronic Toxicity :

Carcinogenicity : n.av.
 Mutagenicity : n.av.
 Teratogenicity : n.av.
 Narcotic Effects : Inhalation of solvent-vapours in high concentration causes narcotic effects.

11.1.3 Practical Experience**11.1.3.1 Observations relevant for classification :**

None.

11.1.3.2 Further Observations :

None.

11.1.4 General Remarks :

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information**12.1 Toxicity**

According to present knowledge no negative ecological reactions are to be expected.

12.2 Persistence and degradability

The product is biodegradable.

12.3 Bioaccumulative potential**12.4 Mobility in soil****12.5 Results of PBT and vPvB assessment****12.6 Other adverse effects**

12.6.1 COD-Value, mg/g : n.av.
 12.6.2 BOD₅-Value, mg/g : n.av.
 12.6.3 AOX-Remarks : n.ap.
 12.6.4 Significant Components : Not relevant
 12.6.5 Other adverse effects : None.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

13.1.1 Recommendation : D 10 / R 4 Waste - Code - No. : : 07 06 04

In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation : Wash with suitable cleaner. Otherwise as described under Residues. Packaging that cannot be cleaned should be disposed of as for product

13.2.2 Safe Handling : As described under Residues.


SECTION 14: Transport information

	ADR	IMDG	IATA
14.1 UN number	1219	1219	1219
14.2 UN proper shipping name	UN 1219 Isopropanol-Solution	Isopropanol-Solution	Isopropanol-Solution

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14.3	Transport hazard class(es) 3 	3 Flammable Liquid	3 Flammable Liquid
14.4	Packing group II	II	II
14.5	Environmental hazards	No.	
14.6	Special precautions for user Transport-category : Classification Code : F1 Hazard - No.: 33 LQ: 1 L	F-E; S-D	Packing Instructions (Passenger) 353 Packing Instructions (Cargo) 364
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		

SECTION 15: Regulatory information15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**15.1.1 **VOC-Content: n.av.**

15.1.2 1; Classification according to VwVwS

15.2 **Chemical safety assessment : None.****SECTION 16: Other information**

R 11: Highly flammable.

R 36: Irritating to eyes.

R 67: Vapours may cause drowsiness and dizziness.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Prepared by : Chemie & Vorschrift, Kannheideweg 35, D-53123 Bonn-Duisdorf, ☎ +49-228-74 81 824

Receipt of Data : 10.05.2005, inv033

