

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Tetrabutylammonium hydrogen carbonate (0.075M)

Print date: 15.05.2014

Product code: PE-TBA-001.750

Page 2 of 4

Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
	Tetrabutylammonium hydroxide 30-hydrate	5 - 10 %
147741-30-8	C - Corrosive R34	
	Skin Corr. 1B; H314	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration. Medical advice absolutely required!

After contact with skin

Take off immediately all contaminated clothing, including underwear and shoes. After contact with skin, wash immediately with plenty of water and soap. Medical advice absolutely required!

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. Rinse mouth thoroughly with water. Medical treatment necessary.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray. alcohol resistant foam. Carbon dioxide (CO₂). Dry extinguishing powder.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon dioxide. Carbon monoxide. Nitrogen oxides (NO_x).

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Tetrabutylammonium hydrogen carbonate (0.075M)

Print date: 15.05.2014

Product code: PE-TBA-001.750

Page 3 of 4

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation. Guide people to safety.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Further information on storage conditions

storage temperature:

of °C: 2

up to °C: 8

Protect against: Light.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls

Protective and hygiene measures

Wash hands before breaks and at the end of work. Do not eat, drink, smoke or sneeze at the workplace.

Hand protection

Tested protective gloves are to be worn: Single-use gloves. NBR (Nitrile rubber).

Eye protection

Tightly sealed safety glasses.

Skin protection

Lab apron. Chemical resistant safety shoes.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid

Colour: colourless clear

Test method

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Tetrabutylammonium hydrogen carbonate (0.075M)

Print date: 15.05.2014

Product code: PE-TBA-001.750

Page 4 of 4

pH-Value: 8-10

Changes in the physical state

Solvent content: 7,60 %, water: 86,60 %

SECTION 10: Stability and reactivity

10.5. Incompatible materials

Oxidizing agents, strong.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Further information

No information available.

SECTION 12: Ecological information

Further information

There are no data available on the mixture itself.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Consult the local waste disposal expert about waste disposal.

SECTION 14: Transport information

Other applicable information

Not a hazardous material with respect to transportation regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information

Full text of R phrases referred to under Sections 2 and 3

34 Causes burns.
36/38 Irritating to eyes and skin.

Full text of H statements referred to under Sections 2 and 3

H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)