

Material Safety Data Sheet

according to ANSI Z400.1-2004

TBA-HCO₃-Solution 0.075M

Print date: 06.07.2012

Product code: 808.0000.6

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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

Extinguishing media

Suitable extinguishing media

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

Special hazards arising from the substance or mixture

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

Advice for firefighters

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

SECTION 6: Accidental release measures

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.

Environmental precautions

Do not empty into drains or the aquatic environment.

SECTION 7: Handling and storage

Precautions for safe handling

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

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure limits

CAS No.	Components	ppm	mg/m ³	fib/cc	Category	Origin
64-17-5	Ethyl alcohol	1000	1900		TWA (8 h)	REL
	Ethyl alcohol (Ethanol)	1000	1900		TWA (8 h)	PEL

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.

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Skin protection

Lab apron. Chemical resistant safety shoes.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form: liquid
Color: colourless clear

Test method

pH-Value: 8-10

Changes in the physical state

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

SECTION 10: Stability and reactivity

Stability:

Possibility of Hazardous Reactions:

Incompatible materials

Oxidizing agents, strong.

SECTION 11: Toxicological information

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

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 these transportation regulations.

SECTION 15: Regulatory information

U.S. Regulations

SECTION 16: Other information

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