

Material Safety Data Sheet

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CHEMICAL PRODUCT & COMPANY IDENTIFICATION

AGC SEIMI CHEMICAL CO.,LTD.

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Department In Charge

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NAME OF PRODUCT

QBm

COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name : 4-Vinylbenzyl Trimethylammonium Chloride
 $\text{CH}_2=\text{CH}_6\text{H}_4\text{CH}_2\text{N}(\text{CH}_3)_3\text{Cl}$

Ingredients and Composition : > 99%

CAS Registry No. : 26616-35-3

EINECS : 247-850-0

U.N.No. : Not Applicable

HAZARDS IDENTIFICATION

Class Name of HAZARDOUS CHEMICALS for MSDS in Japan : Not Applicable

Physical and Chemical hazards :

Flammable solid. Deliquescent material.

Toxic gasses (hydrogen chloride, NOx and Metylamine) will form upon combustion.

Environmental Effects :

Do not discharging into drains or the environment.

FIRST-AID MEASURES

EYE Contact :

Gently rinse the affected eyes, including under the eyelids, with clean water for at least 15 minutes.

Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

SKIN Contact : Wash and clean with water.

INHALATION : Remove the victim from the contamination immediately to fresh air.

And refer for medical attention.

INGESTION : Rinse mouth with water. Do not induce vomiting.

And refer for medical attention.

FIRE-FIGHTING MEASURES

SPECIFIC HAZARDS WITH REGARD TO FIRE-FIGHTING MEASURES

Toxic gasses (hydrogen chloride, NO_x and Metylamine) will form upon combustion.

Firefighters should wear proper protective equipment.

EXTINGUISHING MEDIA :

Dry chemical powder, foam or carbon dioxide.

Use extinguishing media appropriate to surrounding fire conditions.

ACCIDENTAL RELEASE MEASURES

Evacuate non essential personnel.

Shut off all sources of ignition ; No flares, smoking or flames in area.

Absorb spill with inert material (e.g.,dry sand or earth), then place in a chemical waste containers using non-sparking tools.

Do not wash away into shower or waterway.

HANDLING AND STORAGE

Use only in the well-ventilated areas.

Do not breathe gasses.

Avoid contact with skin or eyes.

When using do not eat or drink.

When using do not smoke.

STORAGE :

Store in a cool, dry, well-ventilated location.

Keep containers upright and tightly closed when in not use.

EXPOSURE CONTROL/PERSONAL PROTECTION

CONTROL PARAMETERS

ACGIH TLV-TWA : Not established

ENGINEERING MEASURES

Use with local exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION : Chemical cartridge respirator with an organic vapour cartridge.

EYE PROTECTION : Safety glasses.

HAND, SKIN BODY PROTECTION
: gloves, Boots.
Full-body suit.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : White Powder
MELTING POINT : 159~161°C
SOLUBILITY IN WATER : Soluble

PHYSICAL HAZARD (STABILITY AND REACTIVITY)

FLASH POINT : NOT APPLICABLE

Deliquescent material.

TOXICOLOGICAL INFORMATION

No relevant information found.

ECOLOGICAL INFORMATION

No relevant information found.

DISPOSAL CONSIDERATION

Burn in a chemical incinerator equipped with an after burner and scrubber.
Do not flush into sewer.

TRANSPORT INFORMATION

Follow all regulations in your country.

REGULATORY INFORMATION

Follow all regulations in your country.

OTHER INFORMATION**REFERENCES**

- International Chemical Safety Card

To the best of our knowledge, the information contained here in is accurate.
However, neither AGC SEIMI CHEMICAL CO.,LTD. nor any subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.
