



SAFETY DATA SHEET



0.0493 N Silver nitrate

Issued : 31 July 2013

Revised : 31 July 2013

1. Chemical product & Company Identification.

Product details.

Chemical Name : **0.0493 N Silver nitrate**

Name of Manufacturer

Ya Thai Chemical Co., Ltd.

Tel: 66 -3857-4400

78/9 Moo 5 Takam, Bangpakong,

Fax: 66-3857-3700

Chachoengsao 24130 THAILAND

E-mail: yathai@yathai.co.th

2. Composition/Information on Ingredients.

Chemical Name : **0.0493 N Silver nitrate**

CAS Number : 7761-88-8

EC Number : 231-853-9

Chemical Formula : AgNO_3

Molecular Weight : 169.87 g/mol

3. Hazard Identification.

GHS Classification

Environment Hazards : Chronic aquatic toxicity - Category 1

Label element

Symbol



Signal word : **Warning**

Hazard statements : H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention : P273 Avoid release to the environment.

Disposal : P501 Dispose of contents/container in accordance with local /regional/national / international regulations.

4. First Aid Measures.

Eye Contact : Rinse out with plenty of water. Call in ophthalmologist.

Skin Contact : Wash off with plenty of water. Remove contaminated clothing.
Consult a physician.

Inhalation : Fresh air. Call in physician.

Swallowing : Immediately make victim drink water (two glasses at most).
Consult a physician.



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5. Fire Fighting Measures.

Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special hazards arising from the substance or mixture

Not combustible.

Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

6. Accidental Release Measures.

Personal precautions, protective equipment and emergency procedures

Do not breathe vapours, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert.

Environmental precautions

No special precautionary measures necessary.

Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills.

7. Handling and Storage.

Precautions for safe handling

Observe label precautions.

Possibility of hazardous reactions

Tightly closed. Protected from light.

8. Personal Protection.

Control parameters

Contains no substances with occupational exposure limit values.

Exposure controls :

Wash hands before breaks and at the end of work.

Personal protective Equipment (PPE)

Protection of hands

Material of gloves : Nitrile rubber

Eye protection : Safety glasses

9. Physical and Chemical Properties.

Appearance	: Liquid
Colour	: Colourless
Odor	: Odourless
pH	: Ca. 6
Specific Gravity	: 1.01 g/cm ³
Solubility	: At 25 °C Soluble



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10. Physical Hazard (Stability & Reactivity).

Stability & Reactivity:

Sensitivity to light.

Conditions to avoid:

Exposure to light.

11. Toxicological Information.

Primary irritant effect:

Skin : May be harmful if absorbed through skin. May cause skin irritation.

Eyes : May cause eye irritation.

Inhalation : May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion : May be harmful if swallowed.

12. Ecological Information.

COD and BOD value will increase when flushed into sewers or streams.

Heavy hazardous for water, Do not allow product to reach ground water, water course or sewage system.

13. Disposal Consideration.

Waste Disposal:

Dispose after activated sludge process.

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information.

Land Transport (ADR/RID)

UN number : UN 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (SILVER NITRATE SOLUTION)

Class : 9

Packing group : III

Environmentally hazardous : Yes

Special precautions for user : Yes

Tunnel restriction code : E

Additional transport information :

In transportation, ensure no leakage from container, load without any falling down, dropping or damage.

Should be taken care of fall of the load from a truck.

Follow all regulation in your country.

15. Regulatory Information.

Follow all regulation in your country.



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16. Other Information.

This information herein is given in good faith, but no warranty, express or implied, is made.

Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used in caution.

Although certain hazards are described herein. We can not quarantine that These are the only hazards which exist.