

SAFETY DATA SHEET

PRODUCT NAME KEM AQUA Solid Standard 5.5

Date of issue 11/8/2012

Date of revision 4/23/2020

1. Identification of the substance or mixture and the supplier

Product name : KEM AQUA Solid Standard 5.5
 SDS No. : GHS-0095E
 Name of supplier : Kyoto Electronics Manufacturing Co., Ltd.
 Address : 68 Ninodan-cho, Shinden, Kisshoin, Minami-ku, Kyoto, Japan
 Division : Quality Assurance Department
 Phone : +81-75-691-4121
 Fax : +81-75-691-4127

2. Hazard identification

GHS classification : Not classified, or Classification not possible

GHS label elements :

Symbol : • No information
 Signal words : • No information
 Hazard statements : • No information
 Precautionary statement :
 Prevention : • No information
 Response : • No information
 Storage : • No information
 Disposal : • No information

3. Composition/Information on ingredients

Distinction of substance or mixture : substance

Chemical name or generic name : Tripotassium citrate monohydrate

Components :

No.	Components name	CAS No.	Molecular formula	Content
1	Tripotassium citrate monohydrate	6100-05-6	K ₃ C ₆ H ₅ O ₇ ·H ₂ O	99.0-100%

No.	The Chemical Substance Control Law Class Reference	Industrial Safety and Health Law Class Reference Number in	Industrial Safety and Health Law	PRTR law

	Number in the Gazette List	the Gazette List		
1	(2)-1323	No information	No information	No information

4. First-aid measures

- If inhaled : • No information
- If on skin : • No information
- If in eyes : • No information
- If swallowed : • Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

5. Fire-fighting measures

- Extinguishing media • Water (fog water), foam/ Alcohol resistant foam, powder, carbon dioxide, dry sand.
- Unsuitable extinguishing media • Nothing particular.

6. Accidental release measures

- Personal precautions, protective equipment and emergency procedures : • Wear appropriate protective equipment (see Section 8. Exposure controls/personal protection)during working. Avoid contact with eyes/skin and inhalation of the gas.
- Environmental precautions : • Avoid discharge of the spilled products into rivers and influence on the environment.
- Methods and materials for containment and cleaning up : • Scoop into suitable airtight containers. Appropriate treat as industrial waste according to the local government's disposal regulations.

7. Handling and storage

Handling

- Technical measures : • Handle in a location with closed equipment, local exhaust, or general ventilation. Ventilate the workplace adequately. Do not breathe divergent vapors or dust.
- Precautions for safe handling : • Prohibit the use of ambient high temperature objects, sparks and fire. Do not eat, drink or smoke when using this product. Do not inhale or swallow. Do not breathe dust. After handling Wash hands thoroughly. • Take precautionary measures against static discharge.
- Avoiding incompatibilities : • No information

Storage

- Conditions for safe storage : • Protect from direct sunlight. Store at well ventilated place. Store at room temperature.
- Container and packaging material for safe storage : • Use airtight containers.

8. Exposure controls/Personal protection

Personal protective Equipment :

- Respiratory protection : • Wear an appropriate protective mask for respiration.
- Hand protection : • Wear protective gloves.
- Eye protection : • Wear eye protection.
- Skin and body protection : • Wear protective clothing.

9. Physical and chemical properties

Appearance (physical state, form, color etc.)

Physical state	: Solid
Form	: Crystal(Powder)
Color	: White
Odour	: No data
pH	: 7.8–8.6 (50g/L 25°C)
Melting point/Freezing point	: No information
Boiling point, initial boiling point, and boiling range	: No information
Flash point	: No information
Upper flammability or explosive limits	: No information
Lower flammability or explosive limits	: No information
Vapour pressure	: No information
Specific gravity	: 1.995 (18/4°C)
Solubility Solubility for water	: Soluble
Solubility for solvents	: Ethanol Sparingly soluble
Partition coefficient : n-octanol / water	: No information
Auto-ignition temperature	: No information
Decomposition temperature	: No information

10. Stability and reactivity

Reactivity :	• No information
Chemical stability :	• Stable under the normal storage/handling condition.
Possibility of hazardous reactions :	• No information
Conditions to avoid :	• No information
Incompatible materials :	• No information
Hazardous decomposition products :	• No information

11. Toxicological information

Acute toxicity :	• No information
------------------	------------------

12. Ecological information

Ecotoxicity :	• No information
Persistence and degradability :	• No information
Bioaccumulation :	• No information
Mobility in soil :	• No information
Hazardous to the ozone layer :	• No information

13. Disposal considerations

Residual waste	• Entrust to specialized industrial waste disposers who have received permission from prefectural governor, issue manifesto, and dispose.
Contaminated container and packaging	• Entrust to licensed industrial waste disposers to dispose. • Empty containers should be disposed of after the residues are completely removed.

14. Transport information

Domestic regulations	: Comply with the laws and regulations set forth in "15.Regulatory information." During marine transportation, follow the provisions of "Ship Safety Act" and "Law Relating to the Prevention of Marine Pollution and Maritime Disaster". During air transportation, follow the provisions of "Civil Aeronautics Act".
----------------------	--

15. Regulatory information

16. Other information

Contact

Company name : Kyoto Electronics Manufacturing Co., Ltd.
Address : 68 Ninodan-cho, Shinden, Kisshoin, Minami-ku, Kyoto, Japan
Division : Quality Assurance Department
Phone : +81-75-691-4121
Fax : +81-75-691-4127
Emergency phone number : +81-75-691-4125

Other information

- This safety data sheet (SDS) is issued based on the latest reference, data etc currently available. The information in this SDS has been carefully assessed, but no guarantee is given for its accuracy. We cannot anticipate all conditions under which this product may be used. It is the user's responsibility to take appropriate safety measures for handling.