



SAFETY DATA SHEET

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name SUS μ X360

Manufacturer JAPAN SCIENTIFIC ENGINEERING CO., LTD.

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2. HAZARDS IDENTIFICATION

GHS Classification

Classification of the substance or mixture

Classification not possible.

Label elements

Pictograms



Signal word: Warning

Hazard statements

H302 - Harmful if swallowed

Precautionary statements

Prevention

Read this safe data sheet well, and do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing or face protection.

Do not breathe mist/vapors.

Use only outdoors or in a well-ventilated area.

Wash hand, face thoroughly after handling.

Avoid release to the environment.

Response

IF inhaled, remove person to fresh air and keep comfortable for breathing.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal

Dispose of contents/container in accordance with local/national regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Mixture : Mixture

Chemical Name	wt%	CAS No.
Organic acid salt	2.7	CBI
Inorganic acid salt	19.8	CBI
Corrosion inhibitor	0.45	CBI
Glucose	9.0	50-99-7
Water	58.05	7732-18-5
Sodium chloride	10.0	7647-14-5

4. FIRST AID MEASURES

Inhalation	:	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	:	Take off immediately all contaminated clothing and shoes. Wash off immediately with soap and plenty of water.
Eye contact	:	Rinse eyes with copious amounts of water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion	:	Get medical attention immediately. Rinse mouth. Do NOT induce vomiting. If the person is unconscious, give nothing by mouth and do not make them vomit.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	:	Extinguishing powder, Water spray, Foam, Sand
Unsuitable extinguishing media	:	Straight stream water
Specific hazards arising from the chemical product	:	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Protection of fire-fighters	:	Use personal protective equipment as required. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

6. ACCIDENTAL RELEASE MEASURES

Deny unnecessary entry other than the people involved by, for example, using a rope.
Immediately remove adjacent ignition sources because this has permeability and volatility.
While working, wear appropriate protective equipment to avoid adhering.
To be careful not discharged to the environment without being properly handled
waste water contaminated.
Absorb dry sand, sawdust and the waste.
Where spilled, neutralize processing slaked lime, soda ash, etc. in, wash off with plenty of water.

7. HANDLING AND STORAGE

Handling

Technical measures

Read 「8.EXPOSURE CONTROLS/PERSONAL PROTECTION」 ,
Use proper protective equipment.

Exhaust/ventilator

Read 「8.EXPOSURE CONTROLS/PERSONAL PROTECTION」 ,
Exhaust/ventilator should be available.

Safety handling precautions

Clean at a workplace.
Use only outdoors or in a well-ventilated area.
Avoid contact with skin, Do not breathe mist/vapors, Do not take this product.
Avoid contact with eye, Wear eye protection/face protection.
After handling, wash hands and face.
Prevent leakage, overflow, and scattering.

Storage

Technical measures

Do not rough handling containers, such as upsetting,
falling, giving a shock, and dragging.

Incompatible substances

Read「10. STABILITY AND REACTIVITY」.

Storage conditions

Store away from sunlight in well-ventilated place at room temperature.
Keep container tightly closed.

Safe packaging material

No data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Adopted value : No data available

Exposure limits

JSOH (JAPAN-2015) : No data available

ACGIH(2015) : No data available

Engineering controls

Provide the safety shower facility, and hand- and eye-wash facility.

In case of indoor workplace, seal the source or use a local exhaust system.

Hand protection

Impermeable protective gloves

Eye protection

Protective eyeglasses or chemical safety goggles

Skin and body protection

Long-sleeved work clothes, protective boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Purple- liquid The color of this product may become brown due to aging.
Specific Gravity (15°C)	:	1.2
Solubility	:	Water : freely soluble
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Boiling point,	:	No data available
flammability	:	No data available
Explosive properties	:	No data available
pH	:	7.0

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Hazardous reactions	No data available
Conditions to avoid	Direct sunlight, Extremes of temperature
Incompatible materials	Strong oxidizing agent
Hazardous decomposition products	No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity -oral- source information	No data available
Acute toxicity -dermal- source information	No data available
Acute toxicity - inhalation - source information	No data available
Skin irritation/corrosion	No data available
Serious eye damage/ irritation	No data available
Respiratory or skin sensitization	No data available
Reproductive cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	No data available

12. ECOLOGICAL INFORMATION

Aquatic toxicity -Acute- source information	No data available
Aquatic toxicity -Chronic- source information	No data available
Hazard to the ozone layer	No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues
Disposal should be in accordance with applicable regional,
national and local laws and regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN number	Not Hazardous
Proper shipping name:	SUS μ X360
UN classification	Not Hazardous
Packing group	Not Hazardous
Marine pollutant	Not applicable

IMDG

UN number	Not Hazardous
Proper shipping name:	SUS μ X360
UN classification	Not Hazardous
Packing group	Not Hazardous
Marine pollutant (Sea)	Not applicable

IATA

UN number	Not Hazardous
Proper shipping name:	SUS μ X360
UN classification	Not Hazardous
Packing group	Not Hazardous
Environmentally Hazardous Substance	Not applicable

15. REGULATORY INFORMATION

Other regulatory information
Follow all regulations in your country.

The JAPAN SCIENTIFIC ENGINEERING CO., LTD. is not able to check up the regulatory information in regard to this product in your country or region. Therefore, we request this matter would be filled by your responsibility.

16. OTHER INFORMATION

References and sources for data etc.
NITE: National Institute of Technology and Evaluation (JAPAN)
<http://www.safe.nite.go.jp>
IATA dangerous Goods Regulations

RTECS:Registry of Toxic Effects of Chemical Substances
Japan Industrial Safety and Health Association GHS Model SDS
Dictionary of Synthetic Organic Chemistry , SSOCJ, Koudansha Scientific Co.Ltd.
Chemical Dictionary, Kyouritsu Publishing Co., Ltd.
etc

Disclaimer

This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It is advised to make their own tests to determinate the safety and suitability of each such product or combination for their own purposes. The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

End of Safety Data Sheet