



# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** SUS  $\mu$  X360

**Manufacturer** JAPAN SCIENTIFIC ENGINEERING CO., LTD.

Address 1-4-35 MINAMIKANEDEN SUITA OSAKA JAPAN  
Phone +81-6-6385-5637  
FAX +81-6-6389-1841  
URL [http : //www.jse.ne.jp](http://www.jse.ne.jp)

**Emergency phone No.** +81-6-6385-5637 JAPAN SCIENTIFIC ENGINEERING CO., LTD.  
(ENGINEERING DEPARTMENT)

**Supplier** MIGHT INDUSTRY CO.,LTD

Address 4-5-6 KAMIKITA HIRANO-KU OSAKA JAPAN  
Phone +81-6-6793-8531  
FAX +81-6-6793-4422  
URL <http://www.might-jp.com>

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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.

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### 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 |

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### 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.<br>Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. |

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## 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.

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## 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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                           |   |  |
|---------------------------|---|--|
| Appearance                | : | Purple- liquid<br>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  |

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## 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                            |

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## 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 |

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## 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 |

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## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

### ADR/RID

|                       |                |
|-----------------------|----------------|
| UN number             | Not Hazardous  |
| Proper shipping name: | SUS $\mu$ X360 |
| UN classification     | Not Hazardous  |
| Packing group         | Not Hazardous  |
| Marine pollutant      | Not applicable |

### IMDG

|                        |                |
|------------------------|----------------|
| UN number              | Not Hazardous  |
| Proper shipping name:  | SUS $\mu$ X360 |
| UN classification      | Not Hazardous  |
| Packing group          | Not Hazardous  |
| Marine pollutant (Sea) | Not applicable |

### IATA

|                                     |                |
|-------------------------------------|----------------|
| UN number                           | Not Hazardous  |
| Proper shipping name:               | SUS $\mu$ X360 |
| UN classification                   | Not Hazardous  |
| Packing group                       | Not Hazardous  |
| Environmentally Hazardous Substance | Not applicable |

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## 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.

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## 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**