



JUNSEI

Material safety data sheet

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Catalog Numbers: 97508
Catalog Name: Xylenol orange solution (1g/L),with pipet

Company Identification:

Junsei Chemical Co., Ltd.

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CREATION DATE: December 3, 2010

SECTION 2 HAZARDS IDENTIFICATION

This substance is not classified as dangerous according to Directive 67/548/EEC.

May be harmful if inhaled and ingested.

May cause eye and skin irritation

SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient 1

Chemical name: Xylenol Orange

SYNONYMS: XO;3,3'-Bis[N,N-bis(catooxymethyl)aminoethyl]-o-cresolsulfonphthaleinDisodiumSalt;3,3LBis[N,NKSi(catooxymethyl)aminemethyi]-o-cresolsutfonephthalein

FORMULA: C₃₁H₃₀O₁₃N₂SN₂

MOLECULARWEIGHT: 716.62

CASNUMBER: 1611-35-4

US TSCA: Listed

EC NUMBER (EINECS): 216-553-8

JAPAN NUMBER (ENCS): 2-1553

Content: 0.1%

Ingredient 2

Chemical name: Water

CAS NUMBER: 7732-18-5

EC NUMBER (EINECS): 231-791-2

ENCS Designation: Japanese Pharmacopoeia(8th Ed.) substance

Content: ca.99.9%

SECTION 4 FIRST AID MEASURES

General Advice:

Wash off immediately with soap and plenty of water. In the case of respirable dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit. Use personal protective equipment.

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Do not induce vomiting. Obtain medical attention.

Inhalation:

Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician:

SECTION 5 FIRE FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Will burn if involved in a fire. Combustible Liquid.

Extinguishing Media:

Use water spray to cool fire-exposed containers. Use foam, dry chemical, or carbon dioxide.

SECTION 6 ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Do not flush into a sewer. Remove all sources of ignition.

SECTION 7 HANDLING AND STORAGE

Handling:

Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition. Use explosion-proof equipment. Use only non-sparking tools. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Take precautionary measures against static discharges.

Storage:

Keep away from sources of ignition. Store in a cool, dry place. Store in a tightly closed container.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

CONTROL PARAMETER :

OSHA Final Limits : None established

ACGIHTLV(s): None established

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment**Eyes:**

Wear safety glasses and chemical goggles if splashing is possible.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Redish yellow-orange, liquid
Appearance:	Not available.
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	Not available.
Flash Point:	Not available.
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	Not available.
Autoignition Temperature:	Not available.
Solubility in water:	soluble in water
Specific Gravity/Density:	Not available.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable at normal temperatures and pressure.**Conditions to Avoid:** Sunlight, heat

Incompatibilities with Other Materials: Water reactive materials

Hazardous Decomposition Products:

Carbon monoxide, nitrogen oxides and sulfur oxides may be formed.

Hazardous Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA : Not available

IRRITATION DATA: Not available

MUTATION DATA: Not available

REPRODUCTIVE EFFECTS DATA :Not available

TUMORIGENIC DATA: Not available

ADDITIONAL INFORMATION ;

NTP: Not listed

IARC: Not listed

OSHA: Not listed

ACGIH: Not listed

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADABILITY : Not available

BIOACCUMULATION POTENTIAL :Not available

AQUATIC TOXICITY : Not available

OTHER INFORMATION : Not available

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 TRANSPORT INFORMATION

IATA

Not regulated

ADR

Not regulated

IMDG/IMO

Not regulated

SECTION 15 REGULATORY INFORMATION

US REGULATIONS ;

EPA: CERCLA RQ= Not listed

EPCRA TPQ= Not listed

OSHA: TQ= Not listed

EU REGULATIONS ;

SYMBOL:

R-phrases :

S-phrases :

EC index No. : Not listed

SECTION 16 OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

Junsei Chemical Co.,Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.