



MATERIAL SAFETY DATA SHEET

1. SUBSTANCE IDENTITY

Product Name Oxytetracycline HCl

Contact Information:

Company: Aurora Industry Co.,Ltd.

Address:Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

Tel:0411-82288674

2. CHEMICAL COMPOSITION AND DATA ON COMPONENTS

CAS NO.	2058-46-0
Formula	$C_{22}H_{24}N_2O_9 \cdot HCl$
Molecular Weight	496.89

3. HAZARD IDENTIFICATION

Label precautionary statements

Birth defect hazard. Can cause birth defects.

Target organ(s)

Reproductive systems

In case of accident or if you feel unwell, seek medical advice immediately (show label when possible). Wear suitable protective clothing, gloves and eye/ face protection.

4. FIRST-AID MEASURES

In case of skin contact

Immediately wash skin with soap and copious amounts of water.

In case of eye contact

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

If inhaled

Remove to fresh air. If breathing becomes difficult, call a physician.

If swallowed

Wash out mouth with water provided person is conscious. Call a physician.



5. FIRE-FIGHTING MEASURES

Suitable Extinguishing media

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

Unusual fire and explosion hazards

Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Methods for cleaning up

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

7. HANDLING AND STORAGE

Handling

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Storage

Keep tightly closed. Keep container in a cool, well-ventilated area. Do not store above 4°C.

8. EXPOSURE CONTROLS AND PERSONAL

PROTECTION Contains no substances with occupational

exposure limit values. **Personal protective equipment**

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Protective gloves.



Eye protection

Safety glasses

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow solid
pH	no data available
Melting point	220°C
Boiling point	no data available
Flash point	no data available
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available

10. STABILITY AND REACTIVITY

Storage stability

Stable. Sensitive to light.

Conditions to

avoid No data

available **Materials**

to avoid

No data available

Hazardous decomposition products

carbon monoxide, carbon dioxide, nitrogen oxides, halogenated compounds

HAZARDOUS POLYMERIZATION

Will not occur

11. TOXICOLOGICAL INFORMATION

General

No specific information is available in our database regarding the other toxic effects of this material for humans. May cause congenital malformations in the fetus.



Potential Health Effects

Skin Contact No data available

Skin Absorption No data available

Eye Contact No data available

Inhalation No data available

Ingestion No data available

Target organ(s):

No data available

Chronic exposure

Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Only selected registry of toxic effects of chemical substances (RTECS) data is presented here. See actual entry in trees for complete information.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Product

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

DOT (US) Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

15. REGULATORY INFORMATION

US information

SARA list: No.

TSCA 8(b) inventory: Yes.

California prop. 65: This product contains the following ingredients for which the

State of California has found to cause birth defects which would require a warning under the statute:

Oxytetracycline, Hydrochloride

**EU information:**

Harmful.

S36/37/39:

Wear suitable protective clothing, gloves and eye/face protection. S45:

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53:

Avoid exposure - obtain special instructions before use.

16. OTHER INFORMATION

Created Date: 30/01/2021, 09:23 AM

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.