

**** MATERIAL SAFETY DATA SHEET ****

SULPHO TOBIAS ACID (STA)

**** SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: SULPHO TOBIAS ACID (STA)

Catalog Numbers:

Company Identification (Europe): hangzhou dingsheng chemical co. , ltd

For information in : 0571-85284775

For emergencies , call : 0571-85284775

**** SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#		Chemical Name		%
EINECS#	Haz Symbols	Risk Phrases		
117-62-4		SULPHO TOBIAS ACID		

Hazard Symbols: Risk Phrases:

**** SECTION 3 – HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Harmful by inhalation, in contact with skin and if swallowed.

Potential Health Effects

Eye:

May cause eye irritation.

Skin:

Harmful if absorbed through the skin.

Ingestion:

Harmful if swallowed. The toxicological properties of this substance

have not been fully investigated.

Inhalation:

Harmful if inhaled. The toxicological properties of this substance

have not been fully investigated.
Chronic:
Not available.

**** SECTION 4 – FIRST AID MEASURES ****

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. Flush skin with plenty of water for at least
15 minutes while removing contaminated clothing and shoes.
Ingestion:
Get medical aid. Wash mouth out with water.
Inhalation:
Remove from exposure and move to fresh air immediately. If not
breathing, give artificial respiration. If breathing is
difficult,
give oxygen. Get medical aid.
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.
Extinguishing Media:
In case of fire, use water, dry chemical, chemical foam, or
alcohol-resistant foam.

**** SECTION 6 – ACCIDENTAL RELEASE MEASURES ****

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

Spills/Leaks:
Vacuum or sweep up material and place into a suitable disposal
container.

**** SECTION 7 – HANDLING and STORAGE ****

Handling:
Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:
Store in a cool, dry place. Store in a tightly closed container.

**** SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:
Use adequate ventilation to keep airborne concentrations low.
Personal Protective Equipment

Eyes:
Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:
Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing:
Wear appropriate protective clothing to prevent skin exposure.

Respirators:
Follow the OSHA respirator regulations found in 29 CFR 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: powder
Color: white
Odor: Not available.
pH: Not available.
Vapor Pressure: Not available.
Viscosity: Not available.

Boiling Point: Not available.
Freezing/Melting Point: Not available
Autoignition Temperature: Not available.
Flash Point: Not available.
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water:
Specific Gravity/Density:
Molecular Formula: $C_{10}H_9NO_6S_2$
Molecular Weight: 303.30

**** SECTION 10 – STABILITY AND REACTIVITY ****

Chemical Stability:
Stable under normal temperatures and pressures.
Conditions to Avoid:
Incompatible materials.
Incompatibilities with Other Materials:
Strong oxidizing agents, strong acids, strong bases.
Hazardous Decomposition Products:
Nitrogen oxides, carbon monoxide, carbon dioxide.
Hazardous Polymerization: Has not been reported.

**** SECTION 11 – TOXICOLOGICAL INFORMATION ****

RTECS#:
CAS# 117-62-4: ME9950000
LD50/LC50:
CAS# 117-62-4: Oral, mouse: LD50 = >10 gm/kg.
Carcinogenicity:
Salicylic 99%–
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
See actual entry in RTECS for complete information.

**** SECTION 12 – ECOLOGICAL INFORMATION ****

**** SECTION 13 – DISPOSAL CONSIDERATIONS ****

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

**** SECTION 14 – TRANSPORT INFORMATION ****

IATA

No information available.

IMO

No information available.

RID/ADR

No information available.

**** SECTION 15 – REGULATORY INFORMATION ****

European/International Regulations

European Labeling in Accordance with EC Directives

R 20/21/22 Harmful by inhalation, in contact
with skin and if swallowed.

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 117-62-4: 1

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 117-62-4 is listed on Canada's DSL List.

CAS# 117-62-4 is not listed on Canada's Ingredient Disclosure
List.

Exposure Limits

US FEDERAL

TSCA

CAS# 117-62-4 is listed on the TSCA inventory.

**** SECTION 16 – ADDITIONAL INFORMATION ****

MSDS Creation Date: 5/31/2009 Revision #0 Date: Original.

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. In no way shall the
company be
liable for any claims, losses, or damages of any third party or for
lost
profits or any special, indirect, incidental, consequential or
exemplary
damages, howsoever arising, even if the company has been advised of
the possibility of such damages.
