

INTATRADE
MATERIAL SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

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1. IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

Product name: **Tin(II) acetate**
Product code: EO00713
Company: INTATRADE Chemicals GmbH
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2. HAZARDS IDENTIFICATION

Hazard designation: Xn Harmful
Information pertaining to particular dangers for man and environment R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.



Warning

GHS label elements

H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.
H332 - Harmful if inhaled.
Prevention: P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response: P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P322 Specific measures.
Disposal: P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No.: 638-39-1
EC-No.: 211-335-9

4. FIRST AID MEASURES

After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
Seek immediate medical advice.
After skin contact Instantly wash with water and soap and rinse thoroughly.
Seek immediate medical advice.
After eye contact Rinse opened eye for several minutes under running water. Then consult doctor.
After swallowing Seek immediate medical advice.

Suitable extinguishing agents	CO ₂ , extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
Special hazards caused by the material, its products of combustion or flue gases:	Can be released in case of fire: Carbon monoxide and carbon dioxide Metal oxide
Protective equipment:	Wear self-contained breathing apparatus. Wear full protective suit.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
Measures for environmental protection:	Do not allow material to be released to the environment without proper governmental permits.
Measures for cleaning/collecting:	Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.
Additional information:	See Section 7 for information on safe handling See section 8 for information on personal protection equipment. See Section 13 for information on disposal.

7. HANDLING AND STORAGE

Handling Information for safe handling:	Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace.
Information about protection against explosions and fires:	Keep ignition sources away - Do not smoke.
Storage Requirements to be met by storerooms and containers:	No special requirements.
Information about storage in one common storage facility:	Store away from oxidizing agents.
Further information about storage conditions:	Keep container tightly sealed. Store in cool, dry conditions in well sealed containers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical systems:	Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.
Components with critical values that require monitoring at the workplace:	Tin metal, oxide and inorganic compounds, except tin hydride, as Sn mg/m ³ ACGIH TLV 2 Austria MAK 2 Belgium TWA 2 Denmark TWA 2 Finland TWA 2 Germany MAK 2 Hungary TWA 1; 2-STEL (skin) Korea TLV 2 Netherlands MAC-TGG 2 Norway TWA 1 Poland TWA 2 Switzerland MAK-W 2; 4-KZG-W United Kingdom TWA 2; 4-STEL USA PEL 2
Additional information:	No data

hygienic measures	the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.
Breathing equipment:	Use breathing protection with high concentrations.
Protection of hands:	Check protective gloves prior to each use for their proper condition.
Material of gloves	The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Impervious gloves
Penetration time of glove material	Not determined
Eye protection:	Safety glasses
Body protection:	Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

General Information

Form:	Powder Lump
Colour:	White
Smell:	Not determined

Change in condition

Melting point/Melting range:	180-182°C
Boiling point/Boiling range:	Not determined
Sublimation temperature / start:	Not determined

Flash point:	Not applicable
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
Danger of explosion:	Product is not explosive.
Critical values for explosion:	
Lower:	Not determined
Upper:	Not determined
Steam pressure:	Not determined
Density	Not determined
Solubility in / Miscibility with Water:	Insoluble

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:	No decomposition if used and stored according to specifications.
Materials to be avoided:	Oxidizing agents
Dangerous reactions:	No dangerous reactions known
Dangerous products of decomposition:	Carbon monoxide and carbon dioxide Metal oxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	
Primary irritant effect:	
on the skin:	Irritant for skin and mucous membranes.
on the eye:	Irritant effect.
Sensitization:	No sensitizing effect known.
Additional toxicological information:	To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. Danger by skin resorption. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

Additional ecological information:

General notes:

Generally not hazardous for water.

Do not allow material to be released to the environment without proper governmental permits.

13. DISPOSAL CONSIDERATIONS

Product:

Recommendation

Consult state, local or national regulations for proper disposal.

Hand over to disposers of hazardous waste.

Must be specially treated under adherence to official regulations.

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

ADR/RID-GGVS/E

Class: 6.1 (T3) Toxic substances.

Kemler Number:

60

UN-Number:

3146

Packaging group:

III

Label

6.1

Designation of goods:

3146 ORGANOTIN COMPOUND, SOLID, N.O.S. (Tin (II) acetate)

Maritime transport IMDG/GGVSea:

IMDG/GGVSea Class:

6.1

UN Number:

3146

Label

6.1

Packaging group:

III

Marine pollutant:

No

Correct technical name:

ORGANOTIN COMPOUND, SOLID, N.O.S. (Tin (II) acetate)

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class:

6.1

UN/ID Number:

3146

Label

6.1

Packaging group:

III

Correct technical name:

ORGANOTIN COMPOUND, SOLID, N.O.S. (Tin (II) acetate)

UN "Model Regulation":

UN3146, ORGANOTIN COMPOUND, SOLID, N.O.S., 6.1, III

15. REGULATORY INFORMATION

Designation according to EC guidelines:

Code letter and hazard

designation of product:

Xn Harmful

Risk phrases:

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

Safety phrases:

9 Keep container in a well-ventilated place.

36/37 Wear suitable protective clothing and gloves.

National regulations

Information about limitation of use:

For use only by technically qualified individuals.

Employment restrictions concerning young persons must be observed.

Water hazard class:

Generally not hazardous for water.

16. OTHER INFORMATION:

Warranty

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. Intatrade Chemicals GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.