

Environmental Health Criteria 15

TIN AND ORGANOTIN COMPOUNDS A Preliminary Review

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INTERNATIONAL PROGRAMME ON CHEMICAL SAFETY

ENVIRONMENTAL HEALTH CRITERIA 15

TIN AND ORGANOTIN COMPOUNDS

A Preliminary Review

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CONTENTS

TIN AND ORGANOTIN COMPOUNDS: A PRELIMINARY REVIEW

1. SUMMARY AND RECOMMENDATIONS FOR FURTHER RESEARCH

- 1.1. Chemistry and uses of tin compounds
 - 1.1.1. Inorganic tin
 - 1.1.2. Organotin compounds
- 1.2. Analytical methods
- 1.3. Environmental concentrations and exposures
 - 1.3.1. Environmental exposures
 - 1.3.2. Occupational exposure
- 1.4. Metabolism
 - 1.4.1. Inorganic tin
 - 1.4.2. Organotin compounds
- 1.5. Effects on experimental animals
 - 1.5.1. Inorganic tin
 - 1.5.1.1 Local effects
 - 1.5.1.2 Systemic effects
 - 1.5.2. Organotin compounds
 - 1.5.2.1 Local effects
 - 1.5.2.2 Systemic effects
- 1.6. Effects in man
 - 1.6.1. Inorganic tin
 - 1.6.2. Organotin compounds
 - 1.6.2.1 Local effects
 - 1.6.2.2 Systemic effects
- 1.7. Recommendations for further studies
 - 1.7.1. Analytical methods
 - 1.7.2. Environmental data
 - 1.7.3. Metabolism
 - 1.7.4. Effects

2. CHEMISTRY AND ANALYTICAL METHODS

- 2.1. Elemental tin
- 2.2. Tin(II) compounds
- 2.3. Tin(IV) compounds
- 2.4. Organometallic compounds of tin
- 2.5. Analytical methods
 - 2.5.1. Determination of inorganic tin
 - 2.5.1.1 Atomic absorption spectroscopy
 - 2.5.1.2 Emission spectroscopy
 - 2.5.1.3 Neutron activation analysis
 - 2.5.1.4 X-ray fluorescence
 - 2.5.1.5 Miscellaneous analytical methods
 - 2.5.2. Determination of organotin compounds
 - 2.5.2.1 Diorganotin compounds
 - 2.5.2.2 Triorganotin compounds

3. SOURCES OF ENVIRONMENTAL POLLUTION³⁵

- 3.1. Natural occurrence
- 3.2. Industrial production
- 3.3. Tin consumption
- 3.4. Uses of tin
 - 3.4.1. Tin and inorganic tin compounds
 - 3.4.2. Organotin compounds
- 3.5. Tin-containing waste

4. ENVIRONMENTAL TRANSPORT AND TRANSFORMATIONS

- 4.1. Transport and bioconcentration
- 4.2. Environmental chemistry of tin
- 4.3. Degradation of organometallic tin compounds

5. ENVIRONMENTAL CONCENTRATIONS AND EXPOSURES

- 5.1. Ambient air

- [5.2. Soils and plants](#)
- [5.3. Water and marine organisms](#)
- [5.4. Food](#)
- [5.5. Organotin residues](#)
- [5.6. Working environment](#)
- [5.7. Estimate of effective exposure of man through environmental media](#)

[6. METABOLISM](#)

- [6.1. Inorganic tin](#)
 - [6.1.1. Absorption](#)
 - [6.1.2. Distribution](#)
 - 6.1.2.1 Distribution in human tissues and biological fluids
 - [6.1.3. Excretion](#)
 - [6.1.4. Biological half-time](#)
- [6.2. Organotin compounds](#)
 - [6.2.1. Absorption](#)
 - [6.2.2. Distribution](#)
 - [6.2.3. Excretion](#)
 - [6.2.4. Biotransformation](#)

[7. EFFECTS ON ANIMALS](#)

- [7.1. Inorganic tin compounds](#)
 - [7.1.1. Effects on the skin](#)
 - [7.1.2. Respiratory system effects](#)
 - [7.1.3. Effects on the gastrointestinal system](#)
 - [7.1.4. Effects on the liver](#)
 - [7.1.5. Effects on the kidney](#)
 - [7.1.6. Effects on the blood-forming organs](#)
 - [7.1.7. Central nervous system effects](#)
 - [7.1.8. Effects on the reproductive system and the fetus](#)
 - [7.1.9. Carcinogenicity and mutagenicity](#)

 - [7.1.10. Other effects](#)
 - [7.1.11. Effective doses and dose rates](#)
 - 7.1.11.1 Lethal doses
 - 7.1.11.2 Minimum effective and no-observed effects doses
- [7.2. Organotin compounds](#)
 - [7.2.1. Effects on the skin and eyes](#)
 - [7.2.2. Respiratory system effects](#)
 - [7.2.3. Effects on the gastrointestinal system](#)
 - [7.2.4. Effects on the liver and bile duct](#)
 - [7.2.5. Effects on the kidney](#)
 - [7.2.6. Effects on lymphatic tissue and immunological effects](#)
 - [7.2.7. Haematological effects](#)
 - [7.2.8. Central nervous system effects](#)
 - [7.2.9. Effects on reproduction and the fetus](#)
 - [7.2.10. Carcinogenicity](#)
 - [7.2.11. Effects on chromosomes](#)
 - [7.2.12. Other effects](#)
 - [7.2.13. Mechanisms of action](#)
 - [7.2.14. Effective doses and dose rates](#)
 - 7.2.14.1 Lethal doses
 - 7.2.14.2 Minimum effective and no-observed-effect doses

[8. EFFECTS ON MAN](#)

- [8.1. Inorganic tin compounds](#)
 - [8.1.1. Acute poisoning](#)
 - [8.1.2. Prolonged exposure](#)
 - 8.1.2.1 Effects of inhalation

8.1.2.2 Effects of ingestion

8.2. Organotin compounds

8.2.1. Local effects

8.2.2. Systemic effects

8.2.2.1 Effects of dermal exposure

8.2.2.2 Effects of inhalation

8.2.2.3 Effects of ingestion

8.3. Treatment of poisoning

REFERENCES

NOTE TO READERS OF THE CRITERIA DOCUMENTS

While every effort has been made to present information in the criteria documents as accurately as possible without unduly delaying their publication, mistakes might have occurred and are likely to occur in the future. In the interest of all users of the environmental health criteria documents, readers are kindly requested to communicate any errors found to the Division of Environmental Health, World Health Organization, Geneva, Switzerland, in order that they may be included in corrigenda which will appear in subsequent volumes.

In addition, experts in any particular field dealt with in the criteria documents are kindly requested to make available to the WHO Secretariat any important published information that may have inadvertently been omitted and which may change the evaluation of health risks from exposure to the environmental agent under examination, so that the information may be considered in the event of updating and re-evaluation of the conclusions contained in the criteria documents.

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The following list of organotin compounds includes the trivial name of the compound, the CAS name and number, the molecular formula, and alternative names,

ORGANOTIN COMPOUNDS

Name used in text	CAS Index name	CAS
<i>Monosubstituted compounds</i>		
ethyltin trichloride	stannane, trichloroethyl-(9Cl) (8Cl)	106
ethyltin triiodide	stannane, ethyltriiodo- (9Cl) (8Cl)	364
butyltin trichloride	stannane, butyltrichloro- (9Cl) (8Cl)	111
butylstannoic acid	stannane, butylhydroxyoxo- (9Cl) (8Cl)	227
butylthiostannoic acid	stannane, butylmercaptooxo- (8Cl)	264
butyltin-S,S',S"-tris	acetic acid, 2,2',2"-	258

ORGANOTIN COMPOUNDS

Name used in text	CAS Index name	CAS
<i>Monosubstituted compounds cont'd.</i>		
(isooctylmercaptoacetate)	((butylstannylidyne)) tris (thio) tris-, triisooctyl ester (9Cl); acetic acid, ((butylstannylidyne)	

trithio) tri,-triisooctylester (8Cl)

butyltin-S,S',S"-tris (2-ethyl hexylmercaptoacetate)	8 oxa-3,5-dithia-4- stannatetradecanoic acid, 4 butyl-10-ethyl-4-((2-((2- ethylhexyl)oxyl)-2-oxoethyl thio)-7-oxo-, 2-ethylhexyl ester (9Cl); acetic acid, (butylstannylidyne) trithio)tri-, tris(2-ethylhexyl) ester (8Cl)	268
butyltin sulfide	distannathiane, dibutyldithioxo-(9Cl); distanthiane, 1,3-dibutyl- 1,3-dithioxo- (8Cl)	156

ORGANOTIN COMPOUNDS

Name used in text	CAS Index name	CAS
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Monosubstituted compounds cont'd.

octyltin trichloride	stannane, trichlorooctyl-(9Cl) (8Cl)	309
octyltin tris(2-ethyl hexylmercaptoacetate)	8-oxa-3,5-dithia-4- stannatetradecanoic acid, 10-ethyl-4-((2-((2-ethylhexyl)oxy) -2-oxoethyl) thio)-4-octyl-7-oxo-, 2-ethylhexylester (9Cl); acetic acid, ((octylstannylidyne) trithio)tri-, tris(2-ethylhexyl) ester (8Cl)	271
cyclohexylstannoic acid	stannano, cyclohexylhydroxyoxo- (9Cl) (8Cl)	227
Disubstituted compounds dimethyltin dichloride	stannane, dichlorodimethyl- (9Cl) (8Cl)	753

ORGANOTIN COMPOUNDS

Name used in text	CAS Index name	CAS
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Disubstituted compounds cont'd.

dimethyltin S,S'-bis (isooctyl mercaptoacetate)	acetic acid, 2,2'-((dimethyl- stannylene) bis (thio))bis-, diisooctyl ester (9Cl)	266
diethyltin dichloride	stannane, dichlorodiethyl-	866
diethyltin diiodide	stannane, diethyldiiodo-	276
diethyltin dioctanoate	stannane, diethylbis((1-oxo- octyl)oxy) (9Cl); stannane, diethylbis (octanoyloxy) (8Cl)	264
dipropyltin dichloride	stannane, dichlorodipropyl- (9Cl) (8Cl)	867
diisopropyltin dichloride	stannane, dichlorobis (1-methylethyl)- (9Cl)	388

ORGANOTIN COMPOUNDS

Name used in text	CAS Index name	CAS
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Disubstituted compounds cont'd.

dibutyltin dichloride	stannane, dibutyldichloro- (9Cl) (8Cl)	683
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预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_30823

