



NO.2613030022

物质安全技术说明书 (MSDS)

中文名称: S, S'-二硫代醋酸辛酯二甲基锡; 甲基锡稳定剂

英文名称: Methyl tin mercaptide

生效日期: 2013年03月14日

编制人: 刘林琳

审核人: 董学桂

批准人: 张小明



上海化工研究院检测中心

国家安全生产上海危险化学品分类检测检验中心

南通艾德旺化工有限公司

安全技术说明书

SDS

S, S'-二硫代醋酸辛酯二甲基锡； 甲基锡稳定剂

第一部分 化学品及企业标识

中文名称: S, S'-二硫代醋酸辛酯二甲基锡； 甲基锡稳定剂
 英文名称: Methyl tin mercaptide
 企业名称: 南通艾德旺化工有限公司
 地址: 江苏省南通市启东沿江精细化工园
 邮编: 226221
 E-mail: advance@adv-chem.cn
 传真号码: 86-513-83201246
 企业应急电话: 86-513-83201212
 技术说明书编码: 2613030022
 生效日期: 2013年03月14日

第二部分 危险性概述

危险性类别: 本品依据GB 13690-2009《化学品分类和危险性公示 通则》分类为:
 急性毒性-经口 类别4
 上述没有记载的危害性分类不适用或无法分类。

侵入途径: 吸入、食入、眼睛和皮肤接触。

健康危害: 吞食有害。

环境危害: 无资料。

燃爆危险: 不属于易燃危险品。

第三部分 成分/组成信息

化学品名称: S, S'-二硫代醋酸辛酯二甲基锡； 甲基锡稳定剂

成份	含量	CAS NO.	EC NO.
S, S'-二硫代醋酸辛酯二甲基锡	/	26636-01-1	247-862-6

第四部分 急救措施

皮肤接触: 立即用肥皂和大量清水彻底冲洗皮肤15分钟以上。若有刺激情况, 就医。

眼睛接触: 立即提起眼睑, 用流动清水冲洗15分钟以上。若有刺激情况, 就医。



吸入：立即脱离现场至空气新鲜处。若呼吸困难，给氧。
 食入：温水漱口，就医。

第五部分 消防措施

危险特性：不属于易燃危险品。
 灭火方法及灭火剂：可用雾状水、干粉、泡沫和二氧化碳灭火。
 灭火注意事项及措施：消防员应戴自给正压式呼吸器，穿消防防护服以防止皮肤和眼睛接触。

第六部分 泄漏应急处理

应急处理：处置人员应对身体进行适当防护。用惰性材料（如干沙、蛭石）吸附，并用洁净铲子收集于干燥、洁净、有盖的容器中，密闭保存，待处置。避免扬尘。清扫后通风，洒水。
 环境保护措施：不要让产品进入下水道。

第七部分 操作处置与储存

操作处置注意事项：操作人员应经过培训，严格遵守操作规程。建议操作人员穿一般作业防护服，戴合适的化学防护手套，避免吸入，避免眼睛和皮肤直接接触，避免长期反复接触。远离火种、热源、工作场所严禁吸烟。工作场所应有通风系统和设备。避免与强氧化剂，食用化学品接触。搬运时要轻装轻卸，防止包装破裂受潮和造成损失。配备相应品种和数量的消防器材及泄漏应急处理设备。
 储存注意事项：储存于阴凉、通风、干燥的库房内。保持容器密封。远离火种、热源。应与强氧化剂，食用化学品分开存放。储存区配备相应品种和数量的消防器材、泄漏应急处理设备和合适的收容材料。

第八部分 接触控制/个体防护

最高容许浓度：未制定标准
 监测方法：无
 工程控制：有通风系统和设备。提供安全淋浴和洗眼设备。
 呼吸系统防护：戴管理部门认可的面罩。
 眼睛防护：戴化学安全眼镜。
 身体防护：穿一般作业防护服。
 手防护：戴合适的防护手套。
 其他防护：工作现场严禁吸烟、进食和饮水。工作后，淋浴更衣。

第九部分 理化特性

外观与性状：无色透明液体
 气味：稍有气味
 分子式： $C_{22}H_{16}O_4S_2Sn$
 分子量：555.42
 初始沸点： $>150.0^{\circ}C$
 闪点(闭杯)： $>95.0^{\circ}C$
 pH：4.2 (25 $^{\circ}C$ ，50.0g/L)
 溶解性：微溶于水

第十部分 稳定性与反应活性

稳定性：常温常压下稳定。
 避免接触的物质：强氧化剂。
 聚合危害：不聚合。
 有害分解产物：一氧化碳，二氧化碳，硫的氧化物，锡的氧化物。

第十一部分 毒理学资料

急性毒性：大鼠口服毒性LD₅₀：604mg/kg
 皮肤腐蚀/刺激：无资料。
 严重眼损伤/眼刺激：无资料。

第十二部分 生态学资料

毒性：无资料。
 持久性和降解性：无资料。
 生物积累潜力：无资料。
 在土壤中的流动性：无资料。

第十三部分 废弃处理

废弃处置方法：处置前应参阅当地环保部门的有关规定。建议交给具有资格的化学废物处理部门处置。

第十四部分 运输信息

危险性类别：无
 UN编号：无
 包装标识：无
 包装类别：无

第十五部分 法规信息

国内法规：本品未列入GB 12268-2012《危险货物品名表》中。
 本品未列入《危险化学品名录》(2002版)中。
 本品未列入《铁路危险货物品名表》(2009版)中。

第十六部分 其他信息

填表时间：2013年03月14日
 填表部门：上海化工研究院检测中心/国家安全生产上海危险化学品分类检测检验中心
 电话(传真)：8621-52815377/52800971/52807275/52811034/52569800
 修改说明：第0次修订
 其他信息：本说明书根据委托方提供的成分含量信息和我中心现有知识编写。使用者有责任对说明书内容的正确性与完整性评估后，根据实际情况自行决定其适用性，并对使用后果承担法律责任。





MATERIAL SAFETY DATA SHEET

Product Name: Methyl tin mercaptide

Revision Date: 2013-03-14

Compiler: Liu Lintin

Checker: Dongxuesheng

Approver: Zhangxiuqin



Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous
Chemicals for State Administration of Work Safety

Nantong Advance Chemicals Co., Ltd.

SAFETY DATA SHEET

Methyl tin mercaptide

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Methyl tin mercaptide
 Company: Nantong Advance Chemicals Co., Ltd.
 Address: Yanjiang Fine Chemical Industrial Park, Qindong, Nantong City, Jiangsu Province, 226221, P. R. China
 Email: advance@adv-chem.cn
 Fax: 86-513-83201246
 Emergency Phone: 86-513-83201212
 SDS Number: 2613030022
 SDS Date: 2013-03-14

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

GHS Classification:

Acute toxicity, Oral (Category 4)

The hazards not mentioned are not applicable or no data available.

Emergency Overview:

Harmful if swallowed.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Methyl tin mercaptide

Ingredient	Concentration	CAS No.	EC No.
Diisooctyl 2,2'-[(dimethylstannylene)bis(thio)]diacetate	/	26636-01-1	247-862-6

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of contact, immediately wash skin with soap and copious amounts of water for at least 15 minutes. If irritation persists, call a physician.

Eye Exposure:

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.

Inhalation Exposure:

If inhaled, remove to fresh air. If breathing is difficult, give oxygen.

Oral Exposure:

If victim is conscious, wash out mouth with water. Get medical aid immediately.

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

Firefighting:

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

Specific Hazard(s): Emits toxic fumes under fire conditions.

SECTION6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

Methods for Cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to sealed container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Environmental precautions:

Do not let product enter drains.

SECTION7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents and foods. No smoking at working site.

Storage:

Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Incompatible: strong oxidizing agents and foods.

SECTION8 EXPOSURE CONTROL/PPE

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Government approved respirator.

Eye: Chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Safety gloves.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless transparent liquid



Odor: Weak odor
Molecular Formula: $C_{22}H_{11}O_4S_2Sn$
Molecular Weight: 555.42
Boiling Point/ $^{\circ}C$: $>150.0^{\circ}C$
Flash Point (Closed Cup)/ $^{\circ}C$: $>95.0^{\circ}C$
pH Value: 4.2 (25 $^{\circ}C$, 50.0g/L)
Solubility: Slightly soluble in water

SECTION10 STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Materials to Avoid:

Strong oxidizing agents.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon monoxide, Carbon dioxide, Sulfur oxides, Tin oxides.

SECTION11 TOXICOLOGICAL INFORMATION

Acute toxicity:

Rat Oral LD₅₀: 604mg/kg

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

SECTION12 ECOLOGICAL INFORMATION

Toxicity:

No data available.

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

SECTION13 DISPOSAL CONSIDERATION

Appropriate Method of Disposal of Substance:

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 and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR: This substance is considered to be non-hazardous for transport.



IATA: This substance is considered to be non-hazardous for air transport.

IMO: This substance is considered to be non-hazardous for sea transport.

SECTION15 REGULATORY INFORMATION

Regulation (EC) No. 1272/2008:
Acute toxicity, Oral (Category 4)

SECTION16 OTHER INFORMATION

Date: 2013-03-14

Department: Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous Chemicals for State Administration
of Work Safety
Tel(Fax) :8621-52815377/52800971/52807275/52811034/52569800

Revision: 0

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