

LEAD BIS(DIMETHYLDITHIOCARBAMATE)**1545**

October 2004

CAS No: 19010-66-3
RTECS No: OF8850000Lead dimethyldithiocarbamate
Bis(dimethylcarbamoedithioato-S,S') lead
Ledate
Methyl ledate
 $C_6H_{12}N_2PbS_4 / ((CH_3)_2NCS.S)_2Pb$
Molecular mass: 447.6

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Powder, water spray, foam, carbon dioxide.
EXPLOSION			

EXPOSURE			
Inhalation		Local exhaust or breathing protection.	Fresh air, rest.
Skin		Protective gloves.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
Eyes		Safety goggles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion	See EFFECTS OF LONG-TERM OR REPEATED EXPOSURE.	Do not eat, drink, or smoke during work. Wash hands before eating.	Rinse mouth. Refer for medical attention.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Personal protection: P2 filter respirator for harmful particles. Sweep spilled substance into sealable containers; if appropriate, moisten first to prevent dusting.	

EMERGENCY RESPONSE	SAFE STORAGE
	Separated from food and feedstuffs.

IMPORTANT DATA**Physical State; Appearance**

WHITE POWDER

Chemical dangers

The substance decomposes on burning producing toxic fumes.

Occupational exposure limits

TLV not established.

MAK not established.

Routes of exposure

The substance can be absorbed into the body by inhalation and by ingestion.

Inhalation risk

No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20/C.

Effects of long-term or repeated exposure

The substance may have effects on the blood and kidneys, resulting in mild anaemia and kidney impairment.

PHYSICAL PROPERTIESMelting point: >310/C
Density: 2.43 g/cm³

Solubility in water: none

ENVIRONMENTAL DATA**NOTES**Health effects of exposure to the substance have not been investigated adequately.
Environmental effects from the substance have not been investigated.**ADDITIONAL INFORMATION****LEGAL NOTICE**

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible