

MSDS Program

11/22/89 #1189

Lead Zirconate

CAS RN = 12060-01-4

Very little information could be found on Lead Zirconate. However, The TLV[®] Booklet treats lead containing AND zirconium containing compounds differently; lead compounds are separated into organic AND inorganic AND zirconium compounds are taken as a group. Therefore, excerpts from Potty and the Documentation of TLV[®]s on lead AND zirconium are included.

Debbie Maynard

9/13/85

N 27688

Ref # 1189

Chemical/Subject Lead Zircate

CAS No. 12060-01-4

Searcher D M Maynard Date of Search 9/12/85

Department PEPD MR 7376 Requestor MDS

Sources Searched:
Haskell Files

C-file NO listing HLMA ☒ HLRE ☒

Ref # ☒ HLTE ☒ New Sheets ☒

Chemical Abstracts

Volume No. 31 to Volume No. 65

Online Files (circle)

Chemline

Chemname

Chemdex

Medline

Med80

Med77

Med75

Med71

Med66

Toxline

Toxback76

Toxback65

Excerpta Medica 172 72
73

Cancerline

Cancerproj

CA308

CA309

CA310

CA311

CA320

RTECS

TDB

Other

Grant, Toxicology of the Eye, 1974

Patty's Industrial Hygiene and Toxicology

Documentation of TLV's and TLV Booklet

IARC Monographs

Survey of Chemicals Tested for Carcinogenicity

Food Chemical News Guide

Water Quality Criteria

BNA-Index to Govt. Regulations

Other Sources AEL, OSHA, Week's, NTP

N 27688.01

DUP040011143

WORKSHEET FOR MSDS HEALTH HAZARD INFORMATION

COMPOUND:

Lead Zirconate

#1189

Check blank if no information can be found:

Information section: fill in blanks with numbers or N/A (not established)

CAS # 12060 - 01 - 4

EXPOSURE LIMITS:

TLV*

TWA

ppm

0.15 mg/m³

skin notation: yes / (no) for both

STEL

ppm

mg/m³

TWA = 5 mg/m³

STEL = 10 mg/m³ for zirconium compounds

AEL

50 µg Pb/100 g of blood for lead inorganic compounds

skin notation: yes / (no)

PEL

5 mg/m³ for zirconium compounds

WEEL

N/A

DuPont lists Pb as a reproductive hazard

Secty: create document using product/compound name

key: GOLD 1

use ENTER RUBCHAR key to remove >'s, & fill in the table with numbers or use GOLD ABBRV == to print "not established"

CARCINOGENICITY LISTING

Secty: letters beside checked spaces correspond to items in abbreviation document; i.e., key: GOLD ABBRV letter letter for each choice.

Information section: circle appropriate letters

=a not listed as a carcinogen.

=b listed by IARC as having sufficient evidence from epidemiologic studies to support a causal association between exposure and cancer.

=c listed by the IARC as probably carcinogenic to humans, on the basis of at least limited human data.

=d listed by the IARC as probably carcinogenic to humans, on the basis of animal evidence, but human data is inadequate.

=e listed by NTP as a known carcinogen.

=f listed by NTP as reasonably anticipated to be carcinogenic.

=g listed by Du Pont as a carcinogen.

=h regulated by OSHA as a carcinogen.

=i listed by ACGIH as A1a Human Carcinogen

=j listed by ACGIH as A1b Human Carcinogen

=k listed by ACGIH as A2 Industrial substances Suspect of Carcinogenic potential for man

11 APRIL 1985

DUP040011144

CHEMLINE

1
RN - 12060-01-4
ON - 14013-09-3 (CAS)
MF - O3-Pb-Zr
N1 - Lead zirconium oxide [PbZrO3] (8CI)(9CI)
LO - TOXLINE
LO - TOXBACK76
LO - TSCAINV
EM - 8504

ChemNAME

2/5/6

CAS REGISTRY NUMBER: 12060-01-4

FORMULA: O3PbZr

REPLACED CAS REGISTRY NUMBER(S): 14013-09-3

CA NAME(S):

HP=Lead zirconium oxide(PbZrO3) (8CI 9CI)

SYNONYMS: Zirconium lead oxide(PbZrO3); Lead zirconate (PbZrO3); Lead zirconium trioxide