

Justification for the selection of a candidate CoRAP substance

Substance Name (Public Name):	Trizinc bis(orthophosphate)
Chemical Group:	Inorganic
EC Number:	231-944-3
CAS Number:	7779-90-0
Submitted by:	Romania
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NOTE

This document has been prepared by the evaluating Member State given in the CoRAP update.

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1 IDENTITY OF THE SUBSTANCE

1.1 Name and other identifiers of the substance

Table 1: Substance identity

Public Name:	Trizinc bis(orthophosphate)
EC number:	231-944-3
EC name:	Trizinc bis(orthophosphate)
CAS number (in the EC inventory):	7779-90-0
CAS number:	7779-90-0
CAS name:	
IUPAC name:	Trizinc bis(orthophosphate)
Index number in Annex VI of the CLP Regulation	030-011-00-6
Molecular formula:	H3O4P.3/2Zn
Molecular weight or molecular weight range:	386.113
Synonyms:	Zinc phosphate; trizinc diphosphate

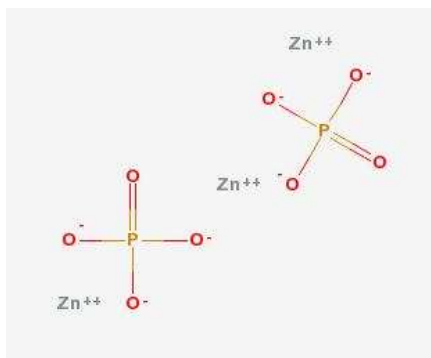
Type of substance

Mono-constituent

Multi-constituent

UVCB

Structural formula:



2 CLASSIFICATION AND LABELLING

2.1 Harmonised Classification in Annex VI of the CLP

Index number in Annex VI of the CLP Regulation

Index number:

030-011-00-6 Trizinc bis(orthophosphate)

CLP:

Aquatic Acute 1; H400: Very toxic to aquatic life.

Aquatic Chronic1; H410: Very toxic to aquatic life with long lasting effects.

DSD:

N; R50/53 Dangerous for the environment; Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Proposal for Harmonised Classification in Annex VI of the CLP

None.

2.3 Self classification

The classification given in the registration data is consistent with the harmonised classification, except that H400 is not given.

The DSD classification is the same.

Some of the notifications in the CLP inventory include in addition a specific concentration limit, with M-factor=10.

3 JUSTIFICATION FOR THE SELECTION OF THE CANDIDATE CORAP SUBSTANCE

3.1 Legal basis for the proposal

Article 44(1) (refined prioritisation criteria for substance evaluation)

Article 45(5) (Member State priority)

3.2 Grounds for concern

<input type="checkbox"/> (Suspected) CMR	<input checked="" type="checkbox"/> Wide dispersive use	<input type="checkbox"/> Cumulative exposure
<input type="checkbox"/> (Suspected) Sensitiser	<input type="checkbox"/> Consumer use	<input type="checkbox"/> High RCR
<input type="checkbox"/> (Suspected) PBT	<input type="checkbox"/> Exposure of sensitive populations	<input checked="" type="checkbox"/> Aggregated tonnage
<input type="checkbox"/> Suspected endocrine disruptor	<input checked="" type="checkbox"/> Other (provide further details below)	

The substance is classified as hazardous for the environment.

The substance is in wide dispersive use in minimum 80% purity; higher grades (>95%) are usual.

Furthermore, it is not clear from the registration if the technical substance is used in consumer products.

3.3 Information on aggregated tonnage and uses

<input type="checkbox"/> 1 - 10 tpa	<input type="checkbox"/> 10 - 100 tpa	<input type="checkbox"/> 100 - 1000 tpa	
<input type="checkbox"/> 1000 - 10,000 tpa	<input checked="" type="checkbox"/> 10,000 - 100,000 tpa		
<input type="checkbox"/> 100,000 - 1000,000 tpa	<input type="checkbox"/> > 1000,000 tpa		
<input type="checkbox"/> Confidential			
Exact Tonnage:			
<input checked="" type="checkbox"/> Industrial use	<input checked="" type="checkbox"/> Professional use	<input type="checkbox"/> Consumer use	<input type="checkbox"/> Closed System

In the section Identified uses the following are listed:
 PROC: 1, 2, 3,4, 5,7, 8a, 8b, 9,10, 13, 14, 15, 19, 21, 22,23, 26
 ERC : 1, 2, 3, 4, 5, 6a, 6b, 7, 8a, 8c, 8d, 8f, 10a, 10b, 11a, 12a,12b

The following chemical product categories are among the ones mentioned for consumer use:
 Cosmetics, personal care products, finger paints, fillers, putties, plasters, modelling clay, coatings and paints, thinners, paint removes.

3.4 Other completed/ongoing regulatory processes that may affect suitability for substance evaluation

<input type="checkbox"/> Compliance check	<input type="checkbox"/> Dangerous substances Directive 67/548/EEC
<input type="checkbox"/> Testing proposal	<input type="checkbox"/> Existing Substances Regulation 793/93/EEC
<input checked="" type="checkbox"/> Annex VI (CLP)	<input type="checkbox"/> Plant Protection Products Regulation 91/414/EEC
<input type="checkbox"/> Annex XV (SVHC)	<input type="checkbox"/> Biocidal Products Directive 98/8/EEC
<input type="checkbox"/> Annex XIV (Authorisation)	<input type="checkbox"/> Other (provide further details below)
<input type="checkbox"/> Annex XVII (Restriction)	
This substance has harmonised classification, see section 2.1.	

3.5 Information to be requested to clarify the suspected risk

<input type="checkbox"/> Information on toxicological properties	<input type="checkbox"/> Information on physico-chemical properties
<input checked="" type="checkbox"/> Information on fate and behavior	<input checked="" type="checkbox"/> Information on exposure
<input type="checkbox"/> Information on ecotoxicological properties	<input checked="" type="checkbox"/> Information on uses
<input type="checkbox"/> Other (provide further details below)	
<i>Please provide further details</i>	

3.6 Potential follow-up and link to risk management

<input checked="" type="checkbox"/> Restriction	<input type="checkbox"/> Harmonised C&L	<input type="checkbox"/> Authorisation	<input type="checkbox"/> Other (provide further details)
<i>Please provide further details</i>			