

# Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 20/05/2015 Revision date: 20/05/2015 : Version: 1.1

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

 Product form
 : Substance

 EC index no
 : 030-011-00-6

 EC no
 : 231-944-3

 CAS No
 : 7779-90-0

REACH registration No : 01-2119485044-40-0005

Product code : D2, D4, D2M Formula : Zn3(PO4)2

Synonyms : C.I. 77964 / C.I. pigment white 32 / Delaphos 2 (D2) / Delaphos 2M (D2M) / Delaphos 4 (D4) /

pigment white 32 / zinc acid phosphate / zinc orthophosphate / zinc(II) phosphate

BIG no : 28472

# 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use

Industrial/Professional use spec : Industrial

For professional use only

Use of the substance/mixture : Use in the manufacture of anti-corrosive coatings.

### 1.2.2. Uses advised against

No additional information available

# 1.3. Details of the supplier of the safety data sheet

JPE Holdings Ltd, The Lodge Warstone Road Essington Wolverhampton WV11 2AR United Kingdom

Telephone +44 (0) 1922 475055 Fax +44 (0) 1922 477354

E-mail stevebirch@delaphos.co.uk

### 1.4. Emergency telephone number

Emergency number : +44 (0) 1922 475055

Country	Organisation/Company	Address	Emergency number
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
UNITED KINGDOM	National Poisons Information Service (NHS Direct)	http://www.npis.org	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)

# SECTION 2: Hazards identification

# 2.1. Classification of the substance or mixture

# Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aquatic Acute 1 H400 Aquatic Chronic 1 H410

Full text of H-statements: see section 16

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

N; R50/53

Full text of R-phrases: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

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# DELAPHOS EXCELLENCE IN ZINC PHOSPHATE

# **Zinc Phosphate**

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#### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS0

Signal word (CLP) : Warning

Hazard statements (CLP) : H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (CLP) : P273 - Avoid release to the environment

P391 - Collect spillage

P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous

waste

Listed in Annex VI : EC index no: 030-011-00-6

#### 2.3. Other hazards

No additional information available

# **SECTION 3: Composition/information on ingredients**

3.1. Substance

Name : trizinc bis(orthophosphate)

CAS No : 7779-90-0
EC no : 231-944-3
EC index no : 030-011-00-6

Name	Product identifier	%	Classification according to Directive 67/548/EEC
trizinc bis(orthophosphate)	(CAS No) 7779-90-0 (EC no) 231-944-3 (EC index no) 030-011-00-6 (REACH-no) 01-2119485044-40-0005	> 99	N; R50/53
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
trizinc bis(orthophosphate)	(CAS No) 7779-90-0 (EC no) 231-944-3 (EC index no) 030-011-00-6 (REACH-no) 01-2119485044-40-0005	> 99	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R- and H-statements: see section 16

#### 3.2. Mixture

Not applicable

# **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service. Allow

breathing of fresh air. Allow the victim to rest.

First-aid measures after skin contact : Rinse with water. Soap may be used. Take victim to a doctor if irritation persists. Remove

affected clothing and wash all exposed skin area with mild soap and water, followed by warm

First-aid measures after eye contact : Rinse with water. Take victim to an ophthalmologist if irritation persists. Rinse immediately with

plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Immediately call a POISON CENTER or doctor/physician. Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Victim is fully conscious: immediately induce

vomiting. Consult a doctor/medical service if you feel unwell. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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# 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation : No effects known.
Symptoms/injuries after skin contact : No effects known.
Symptoms/injuries after eye contact : No effects known.
Symptoms/injuries after ingestion : No effects known.
Chronic symptoms : No effects known.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : No unsuitable extinguishing media known. Do not use a heavy water stream.

# 5.2. Special hazards arising from the substance or mixture

Fire hazard : Non combustible.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of

fire

: Fumes. Phosphorus oxides. Zinc oxide.

#### 5.3. Advice for firefighters

Firefighting instructions

Precautionary measures fire : Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to

fire/heat: have neighbourhood close doors and windows.

Dilute toxic gases with water spray. Use water moderately and if possible collect or contain it. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Heat/fire exposure: compressed air/oxygen apparatus. Do not enter fire area without proper

protective equipment, including respiratory protection.

# **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

# 6.1.1. For non-emergency personnel

Protective equipment : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See

"Material-Handling" to select protective clothing.

Emergency procedures : Mark the danger area. Prevent dust cloud formation, e.g. by wetting. No naked flames.

Evacuate unnecessary personnel.

Measures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and

windows.

# 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if substance enters sewers or public waters. Avoid release to the environment.

# 6.3. Methods and material for containment and cleaning up

For containment : Contain released substance, pump into suitable containers. Consult "Material-handling" to

select material of containers. Plug the leak, cut off the supply. Dam up the solid spill. Knock

down/dilute dust cloud with water spray.

Methods for cleaning up : Stop dust cloud by humidifying with water. Scoop solid spill into closing containers. See

"Material-handling" for suitable container materials. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. On land, sweep or shovel into suitable containers. Minimize generation of dust. Store guest from other meterials.

containers. Minimize generation of dust. Store away from other materials.

# 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Precautions for safe handling

: Comply with the legal requirements. Do not discharge the waste into the drain. Avoid raising dust. Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed. Carry out operations in the open/under local exhaust/ventilation or with respiratory protection. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Keep only in the original container in a cool, well

ventilated place away from : Direct sunlight, Heat and ignition sources.

Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

Prohibitions on mixed storage : No data available.

Storage area : Store in a dry area. Meet the legal requirements.

Special rules on packaging : closing, correctly labelled, meet the legal requirements. Secure fragile packagings in solid

containers.

Packaging materials : wood. polyethylene. glass.

#### 7.3. Specific end use(s)

No additional information available

# SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

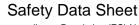
Zinc Phosphate (7779-90-0)	
NEL/DMEL (Workers)	
Long-term - systemic effects, dermal	83 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	0,83 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2,5 mg/m³
Long-term - systemic effects, dermal	83 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	20,6 μg/L
PNEC aqua (marine water)	6,1 μg/L
PNEC (Sediment)	
PNEC sediment (freshwater)	117,8 mg/kg dwt
PNEC sediment (marine water)	56,5 mg/kg dwt
PNEC (Soil)	
PNEC soil	35,6 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	No potential for bioaccumulation
PNEC (STP)	
PNEC sewage treatment plant	52 μg/L

#### 8.2. Exposure controls

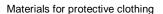
Appropriate engineering controls : Provide adequate general and local exhaust ventilation.

Personal protective equipment : Protective clothing. Protective goggles. Gloves.

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: GIVE GOOD RESISTANCE: PVC. butyl rubber

Hand protection

: Gloves. Wear protective gloves

Eye protection

: Safety glasses. In case of dust production: protective goggles. Chemical goggles or safety

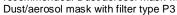
glasses

Skin and body protection

: Protective clothing

Respiratory protection

: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Dust/aerosol mask with filter type P1. Dust/aerosol mask with filter type P2.









Other information

: Do not eat, drink or smoke during use.

# **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Powder. Granular powder.

Molecular mass : 386,05 g/mol
Colour : White. yellowish.
Odour : Odourless.

Odour threshold : No data available

pH : 6 - 8 DIN ISO 787 Part 9

pri . 0-6 Din 130

pH solution : 100 g/l

Relative evaporation rate (butylacetate=1) : No data available

Melting point : 912 °C

Freezing point : No data available
Boiling point : No data available
Flash point : Not applicable
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Non flammable
Vapour pressure : < 0,1 hPa

Relative vapour density at 20 °C : No data available

Relative density : 4,0Density :  $1,1 \text{ g/cm}^3$ 

Solubility : Insoluble in water. Substance sinks in water. Soluble in ammonium hydroxide. Soluble in acids.

Water: < 0,1 % (20°C) DIN ISO 787 Part 3

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : Product is not explosive.

Oxidising properties : Non oxidizing material according to EC criteria.

Explosive limits : No data available

9.2. Other information

VOC content : Not applicable

Other properties : Substance has neutral reaction.

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

On burning: release of toxic and corrosive gases/vapours (phosphorus oxides).

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# 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

Not established.

# 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

# 10.5. Incompatible materials

Strong acids. Strong bases.

# 10.6. Hazardous decomposition products

Thermal decomposition generates: Corrosive vapours. Phosphorous oxides (e.g. P2O5). Fumes.

# **SECTION 11: Toxicological information**

# 11.1. Information on toxicological effects

Acute toxicity : Not classified

Zinc Phosphate (7779-90-0)		
LD50 oral rat	> 5000 mg/kg bodyweight (Rat; OECD 401: Acute Oral Toxicity; Experimental value)	
Skin corrosion/irritation	: Not classified  Based on available data, the classification criteria are not met	
Serious eye damage/irritation	pH: 6 - 8 DIN ISO 787 Part 9 : Not classified	
	Based on available data, the classification criteria are not met  pH: 6 - 8 DIN ISO 787 Part 9	
Respiratory or skin sensitisation	: Not classified  Based on available data, the classification criteria are not met	
Germ cell mutagenicity	: Not classified  Based on available data, the classification criteria are not met	
Carcinogenicity	: Not classified  Based on available data, the classification criteria are not met	
Reproductive toxicity	: Not classified  Based on available data, the classification criteria are not met	
Specific target organ toxicity (single exposure)	: Not classified  Based on available data, the classification criteria are not met	
Specific target organ toxicity (repeated exposure)	: Not classified  Based on available data, the classification criteria are not met	
Aspiration hazard	: Not classified  Based on available data, the classification criteria are not met	
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.	

# **SECTION 12: Ecological information**

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: Dangerous for the environment.
Ecology - air	<ul> <li>Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009). Not included in the list of fluorinated greenhouse gases (Regulation (EC) No 842/2006). TA-Luft Klasse 5.2.1.</li> </ul>
Ecology - water	: Ground water pollutant. Highly toxic to fishes. Very toxic to invertebrates (Daphnia). Highly toxic to algae. May cause eutrophication. Inhibition of activated sludge. Very toxic to aquatic life with long lasting effects.
Zinc Phosphate (7779-90-0)	
LC50 fish 1	0,14 - 0,26 mg/l (96 h; Oncorhynchus mykiss; Nominal concentration Zn2+/L)
EOFO Danibala 4	0.04 0.00 // (401 D. 1 :

Zinc Phosphate (7779-90-0)	
LC50 fish 1	0,14 - 0,26 mg/l (96 h; Oncorhynchus mykiss; Nominal concentration Zn2+/L)
EC50 Daphnia 1	0,04 - 0,86 mg/l (48 h; Daphnia magna; Nominal concentration Zn2+/L)
EC50 other aquatic organisms 1	0,136 - 0,15 mg/l (72 h; algae - Selenastrum capriocornutum; Nominal concentration Zn2+/L)
Threshold limit algae 1	0,136 mg/l (72 h; Selenastrum capricornutum; GLP)

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Zinc Phosphate (7779-90-0)	
Threshold limit algae 2	0,024 mg/l (3 days; Selenastrum capricornutum; GLP)

# 12.2. Persistence and degradability

Zinc Phosphate (7779-90-0)	
Persistence and degradability	Biodegradability: Not applicable. Adsorbs into the soil. May cause long-term adverse effects in the environment.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

#### 12.3. Bioaccumulative potential

Zinc Phosphate (7779-90-0)		
	Bioaccumulative potential	No data available.

# 12.4. Mobility in soil

Zinc Phosphate (7779-90-0)	
Ecology - soil	No data available.

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

Additional information : Avoid release to the environment

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : LWCA (the Netherlands): KGA category 05. Hazardous waste according to Directive

2008/98/EC.

Ecology - waste materials : Avoid release to the environment.

# SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

# 14.1. UN number

UN-No. (ADR) : 3077 UN-No. (IMDG) : 3077 UN-No. (IATA) : 3077 UN-No. (ADN) : 3077 UN-No. (RID) : 3077

# 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Proper Shipping Name (IATA) : Environmentally hazardous substance, solid, n.o.s.

Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Transport document description (ADR) : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (trizinc

bis(orthophosphate)(7779-90-0)), 9, III, (E)

Transport document description (IMDG) : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III, MARINE

POLLUTANT/ENVIRONMENTALLY HAZARDOUS

# 14.3. Transport hazard class(es)

# ADR

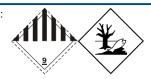
Transport hazard class(es) (ADR) : 9
Danger labels (ADR) : 9

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#### **IMDG**

Transport hazard class(es) (IMDG) : 9
Danger labels (IMDG) : 9



# IATA

Transport hazard class(es) (IATA) : 9
Hazard labels (IATA) : 9



# ADN

Transport hazard class(es) (ADN) : 9
Danger labels (ADN) : 9



# RID

Transport hazard class(es) (RID) : 9
Danger labels (RID) : 9



# 14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III
Packing group (ADN) : III
Packing group (RID) : III

# 14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes

Other information : No supplementary information available

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#### 14.6. Special precautions for user

14.6.1. **Overland transport** 

Classification code (ADR) : M7

Special provisions (ADR) : 274, 335, 601

Limited quantities (ADR) : 5kg Excepted quantities (ADR) : E1

: P002, IBC08, LP02, R001 Packing instructions (ADR)

Special packing provisions (ADR) : PP12, B3 : MP10 Mixed packing provisions (ADR) : T1, BK1, BK2

Portable tank and bulk container instructions

(ADR)

Portable tank and bulk container special : TP33

provisions (ADR)

Tank code (ADR) : SGAV, LGBV

Vehicle for tank carriage : AT : 3 Transport category (ADR) : V13

Special provisions for carriage - Packages

(ADR)

: VV1 Special provisions for carriage - Bulk (ADR) Special provisions for carriage - Loading, : CV13

unloading and handling (ADR)

Hazard identification number (Kemler No.) : 90

Orange plates

90

Tunnel restriction code (ADR) : E : 2Z EAC code

14.6.2. Transport by sea

Transport regulations (IMDG) : Subject

Special provisions (IMDG) : 274, 335, 966, 967

Limited quantities (IMDG) : 5 kg Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P002, LP02 Special packing provisions (IMDG) : PP12 IBC packing instructions (IMDG) : IBC08 IBC special provisions (IMDG) : B3

Tank instructions (IMDG) : T1, BK1, BK2, BK3

Tank special provisions (IMDG) : TP33 : F-A EmS-No. (Fire) EmS-No. (Spillage) : S-F Stowage category (IMDG) : A

14.6.3. Air transport

Transport regulations (IATA) : Subject to the provisions

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Y956 PCA limited quantity max net quantity (IATA) : 30kgG PCA packing instructions (IATA) : 956 PCA max net quantity (IATA) : 400kg CAO packing instructions (IATA) : 956 CAO max net quantity (IATA) : 400kg

Special provisions (IATA) : A97, A158, A179

ERG code (IATA) : 9L

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Inland waterway transport 14.6.4.

Classification code (ADN) : M7

Special provisions (ADN) : 274, 335, 61 Limited quantities (ADN) : 5 kg Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T\* B\*\* Equipment required (ADN) : PP. A Number of blue cones/lights (ADN) : 0

: \* Only in the molten state. \*\* For carriage in bulk see also 7.1.4.1. \*\* \* Only in the case of Additional requirements/Remarks (ADN)

transport in bulk.

Carriage prohibited (ADN) : No Not subject to ADN : No

Rail transport 14.6.5.

Transport regulations (RID) : Subject Classification code (RID) : M7

: 274, 335, 601 Special provisions (RID)

: 5kg Limited quantities (RID) Excepted quantities (RID) : E1

Packing instructions (RID) : P002, IBC08, LP02, R001

Special packing provisions (RID) : PP12, B3 Mixed packing provisions (RID) : MP10 : T1, BK1, BK2

Portable tank and bulk container instructions

(RID)

Portable tank and bulk container special

provisions (RID)

Tank codes for RID tanks (RID) : SGAV, LGBV

Transport category (RID) : 3 Special provisions for carriage - Packages : W13

(RID) Special provisions for carriage - Bulk (RID)

: VW1

Special provisions for carriage - Loading,

unloading and handling (RID)

: CW13, CW31

: TP33

Colis express (express parcels) (RID) : CE11 Hazard identification number (RID) : 90 Carriage prohibited (RID) : No

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 14.7.

Not applicable

# SECTION 15: Regulatory information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture 15.1.

# **EU-Regulations**

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3.c. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

Zinc Phosphate

Zinc Phosphate is not on the REACH Candidate List Zinc Phosphate is not on the REACH Annex XIV List

VOC content : Not applicable

#### 15.1.2. **National regulations**

Germany

Water hazard class (WGK) : 2 - hazard to waters

: Classification based on the R-phrases in compliance with Verwaltungsvorschrift WGK remark

wassergefährdender Stoffe (VwVwS)

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# 15.2. Chemical safety assessment

A chemical safety assessment has been carried out

# SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

Regulation (EC) No 1907/2006.

Other information : None.

Full text of R-, H- and EUH-statements	5:
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
N	Dangerous for the environment

# SDS EU\_NSC

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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