

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Date of issue: 16.04.2014 Revision date: 15.09.2023 Supersedes version of: 11.04.2023 Version: 2.4

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

#### 1.1. Product identifier

Product form : Mixture

Name Potassium chromate solution

UN3287 Potassium chromate solution 10% w/v AGR Trade name

EC Index-No. : 024-006-00-8 FC-No. : 232-140-5 CAS-No. : 7789-00-6 **REACH** registration No : 05-2118406922-45 Product code : POCH-10D Formula : K2CrO4

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

#### 1.2.1. Relevant identified uses

Main use category : Laboratory use

#### 1.2.2. Uses advised against

No additional information available

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

labbox labware s.l.

Migjorn, 1

P.O. Box Barcelona (SPAIN)

08338 Premia de Dalt - SPAIN

T +34 937 07 79 70 - F +34 937 909 532

info@labbox.com - www.labbox.com

### 1.4. Emergency telephone number

: +34 937 077 970 (For technical information\_Office Hours) In case of medical emergency **Emergency number** 

phone 112 or to your local emergency number.

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	

# **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2 H315 Serious eye damage/eye irritation, Category 2 H319 Skin sensitisation, Category 1 H317 Germ cell mutagenicity, Category 1B H340 Carcinogenicity (inhalation) Category 1B H350i Specific target organ toxicity — Single exposure, Category 3, H335 Respiratory tract irritation

Hazardous to the aquatic environment — Acute Hazard, H400

Category 1

Hazardous to the aquatic environment — Chronic Hazard, H410

Category 1

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Full text of H and EUH statements: see section 16

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

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP)







GHS07

GHS09

Signal word (CLP) : Danger

Hazard statements (CLP) : H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H340 - May cause genetic defects.
H350i - May cause cancer by inhalation.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position

comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

## 2.3. Other hazards

PBT: not relevant - no registration required

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
Potassium chromate solution (7789-00-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

Component	
Potassium chromate solution (7789-00-6)	The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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

## 3.1. Substances

Not applicable

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#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Potassium chromate solution substance listed as REACH Candidate substance listed in REACH Annex XIV substance with a Community workplace exposure limit	CAS-No.: 7789-00-6 EC-No.: 232-140-5 EC Index-No.: 024-006-00-8	0,25 – 2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Muta. 1B, H340 Carc. 1B, H350i STOT SE 3, H335 Aquatic Chronic 1, H410

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Potassium chromate solution	CAS-No.: 7789-00-6 EC-No.: 232-140-5 EC Index-No.: 024-006-00-8	(0,5 ≤ C < 100) Skin Sens. 1, H317

Full text of H and EUH statements: see section 16

### **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

First-aid measures general : Get medical advice/attention if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial

respiration if necessary. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get

medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after inhalation : May cause respiratory irritation. Cough.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : Irritation to throat and respiratory system.

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

Never give anything by mouth to an unconscious person.

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Making extinguishing agents environment-friendly.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Non combustible.

Hazardous decomposition products in case of fire : fume.

#### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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#### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

## 6.2. Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Store away from other materials. Soak up spills with inert solids, such as clay or

diatomaceous earth as soon as possible.

#### 6.4. Reference to other sections

See Heading 8. For further information refer to section 13.

# **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : 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.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work.

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

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking. Store in a well-ventilated place. Keep container tightly closed.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Direct sunlight. Sources of ignition.

Storage temperature : 5-30 °C

# 7.3. Specific end use(s)

Laboratory chemicals.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

JN3287 Potassium chromate solution 10% w/v AGR (7789-00-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA 0,01 mg/m³	
Spain - Occupational Exposure Limits	
Local name Cromato de potasio	
VLA-ED (OEL TWA) [1] 0,05 mg/m³ como Cr	

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UN3287 Potassium chromate solution 10% w/v AGR (7789-00-6)	
Remark	Sen (Sensibilizante. Véase Apartado 6), r (Esta sustancia tiene establecidas restricciones a la fabricación, la comercialización o el uso en los términos especificados en el "Reglamento (CE) nº 1907/2006 sobre Registro, Evaluación, Autorización y Restricción de sustancias y preparados químicos" (REACH) de 18 de diciembre de 2006 (DOUE L 369 de 30 de diciembre de 2006). Las restricciones de una sustancia pueden aplicarse a todos los usos o sólo a usos concretos. El anexo XVII del Reglamento REACH contiene la lista de todas las sustancias restringidas y especifica los usos que se han restringido).
Potassium chromate solution (7789-00-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	0,01 mg/m³
Spain - Occupational Exposure Limits	
Local name	Cromato de potasio
VLA-ED (OEL TWA) [1]	0,05 mg/m³ como Cr
Remark	Sen (Sensibilizante. Véase Apartado 6), r (Esta sustancia tiene establecidas restricciones a la fabricación, la comercialización o el uso en los términos especificados en el "Reglamento (CE) nº 1907/2006 sobre Registro, Evaluación, Autorización y Restricción de sustancias y preparados químicos" (REACH) de 18 de diciembre de 2006 (DOUE L 369 de 30 de diciembre de 2006). Las restricciones de una sustancia pueden aplicarse a todos los usos o sólo a usos concretos. El anexo XVII del Reglamento REACH contiene la lista de todas las sustancias restringidas y especifica los usos que se han restringido).

#### 8.1.2. Recommended monitoring procedures

No additional information available

## 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

No additional information available

## 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure. EN 374.

Personal protective equipment symbol(s):







## 8.2.2.1. Eye and face protection

## Eye protection:

Safety glasses

# 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

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#### Hand protection:

Protective gloves against chemicals (EN 374)

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### 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 : Liquid Colour : Yellow. Molecular mass 194,19 g/mol Odour odourless. Odour threshold : Not available Melting point : Not available : Not available Freezing point Boiling point : Not available Flammability : Not available Lower explosion limit : Not available Upper explosion limit : Not available Flash point : Not available Auto-ignition temperature : Not available Decomposition temperature : Not available : 8,5 – 10 Viscosity, kinematic : Not available Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50 °C : Not available Density : Not available : Not available Relative density : Not available Relative vapour density at 20 °C Particle characteristics : Not applicable

#### 9.2. Other information

# 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

# **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

Stable in use and storage conditions as recommended in item 7.

#### 10.2. Chemical stability

Stable under normal conditions of use.

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## 10.3. Possibility of hazardous reactions

Combustible materials. Reacts vigorously with strong oxidizers and acids.

## 10.4. Conditions to avoid

Water, humidity. High temperature.

## 10.5. Incompatible materials

Metals.

## 10.6. Hazardous decomposition products

Toxic vapours are released.

LC50 inhalation rat (mg/l)

## **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

UN3287 Potassium chromate solution 10% w/v AGR (7789-00-6)		v AGR (7789-00-6)
	LD50 oral rat	129,5 mg/kg
	LD50 dermal rat	> 2000 mg/kg
	LC50 inhalation rat (mg/l)	83 – 99 mg/l
Potassium chromate solution (7789-00-6)		

83 - 99 mg/l

LD50 oral rat	129,5 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Causes skin irritation.

Determine almost a solution	(TTOO 00 0)
	pH: 8,5 – 10

Potassium chromate solution (7769-00-6)	
рН	8,5 – 10

Serious eye damage/irritation : Causes serious eye irritation. pH: 8,5-10

Potassium chromate solution (7789-00-6)	
рН	8,5 – 10
B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer by inhalation.

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation

or or single exposure .	May badde respiratory irritation.
Potassium chromate solution (7789-00-6)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	Not classified

: Not classified

# 11.2. Information on other hazards

Aspiration hazard

## 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine : Not applicable disrupting properties

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#### 11.2.2. Other information

No additional information available

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Hazardous to the aquatic environment, short-term

: Very toxic to aquatic life.

(acute

Hazardous to the aquatic environment, long-term

: Very toxic to aquatic life with long lasting effects.

(chronic)

UN3287 Potassium chromate solution 10% w/	287 Potassium chromate solution 10% w/v AGR (7789-00-6)	
LC50 - Fish [1]	0,23 mg/kg	
EC50 - Daphnia [1]	2,69 mg/l	
EC50 72h - Algae [1]	16,19 mg/l	
Potassium chromate solution (7789-00-6)		
LC50 - Fish [1]	0,23	
EC50 - Daphnia [1]	0,0153	
EC50 72h - Algae [1]	16,19 mg/l	

#### 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

## UN3287 Potassium chromate solution 10% w/v AGR (7789-00-6)

PBT: not relevant - no registration required

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### Component

Potassium chromate solution (7789-00-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: Not applicable.

# 12.7. Other adverse effects

Other adverse effects : Do not discharge into drains or rivers.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Must follow special treatment according to local regulation.

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European List of Waste (LoW) code : 16 09 02\* - chromates, e.g. potassium chromate, potassium or sodium dichromate

### **SECTION 14: Transport information**

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

## 14.1. UN number or ID number

UN-No. (ADR) : UN 3287 UN-No. (IMDG) : UN 3287 UN-No. (IATA) : UN 3287 UN-No. (ADN) : UN 3287 UN-No. (RID) : UN 3287

# 14.2. UN proper shipping name

Proper Shipping Name (ADR) : TOXIC LIQUID, INORGANIC, N.O.S. Proper Shipping Name (IMDG) TOXIC LIQUID, INORGANIC, N.O.S.

Proper Shipping Name (IATA) Toxic liquid, inorganic, n.o.s.

Proper Shipping Name (ADN) TOXIC LIQUID, INORGANIC, N.O.S. Proper Shipping Name (RID) TOXIC LIQUID, INORGANIC, N.O.S.

: UN 3287 TOXIC LIQUID, INORGANIC, N.O.S. (Potassium chromate solution 10% w/v IND Transport document description (ADR)

), 6.1, II, (D/E)

: UN 3287 TOXIC LIQUID, INORGANIC, N.O.S., 6.1, II, MARINE Transport document description (IMDG)

POLLUTANT/ENVIRONMENTALLY HAZARDOUS

Transport document description (IATA) : UN 3287 Toxic liquid, inorganic, n.o.s., 6.1, II, ENVIRONMENTALLY HAZARDOUS Transport document description (ADN) : UN 3287 TOXIC LIQUID, INORGANIC, N.O.S., 6.1, II, ENVIRONMENTALLY HAZARDOUS

Transport document description (RID) : UN 3287 TOXIC LIQUID, INORGANIC, N.O.S., 6.1, II, ENVIRONMENTALLY HAZARDOUS

#### 14.3. Transport hazard class(es)

### **ADR**

Transport hazard class(es) (ADR) : 6.1 Danger labels (ADR) 6.1 :



## **IMDG**

Transport hazard class(es) (IMDG) : 6.1 Danger labels (IMDG) 6.1



#### **IATA**

Transport hazard class(es) (IATA) : 6.1 Danger labels (IATA) 6.1



#### **ADN**

Transport hazard class(es) (ADN) : 6.1 Danger labels (ADN) : 6.1

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#### **RID**

Transport hazard class(es) (RID) : 6.1
Danger labels (RID) : 6.1



## 14.4. Packing group

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

## 14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes

Other information : No supplementary information available

#### 14.6. Special precautions for user

### **Overland transport**

Classification code (ADR) : T4
Special provisions (ADR) : 274
Limited quantities (ADR) : 100ml
Excepted quantities (ADR) : E4
Packing instructions (ADR) : P001, IBC02
Mixed packing provisions (ADR) : MP15

Portable tank and bulk container instructions (ADR) : T11

Portable tank and bulk container special provisions : TP2, TP27

(ADR)

Tank code (ADR) : L4BH
Tank special provisions (ADR) : TU15, TE19
Vehicle for tank carriage : AT
Transport category (ADR) : 2

Special provisions for carriage - Loading, unloading : CV13, CV28

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S9, S19 Hazard identification number (Kemler No.) : 60

Orange plates

60 3287

Tunnel restriction code (ADR) : D/E EAC code : 2X APP code : B

#### Transport by sea

Special provisions (IMDG) : 274
Limited quantities (IMDG) : 100 ml
Excepted quantities (IMDG) : E4
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T11
Tank special provisions (IMDG) : TP2, TP27

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EmS-No. (Fire): F-AEmS-No. (Spillage): S-AStowage category (IMDG): BStowage and handling (IMDG): SW2

Properties and observations (IMDG) : Toxic if swallowed, by skin contact or by inhalation.

#### Air transport

PCA Excepted quantities (IATA) : E4
PCA Limited quantities (IATA) : Y641
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 654
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 662
CAO max net quantity (IATA) : 60L

Special provisions (IATA) : A3, A4, A137

ERG code (IATA) : 6L

#### **Inland waterway transport**

Classification code (ADN) : T4
Special provisions (ADN) : 274, 802
Limited quantities (ADN) : 100 ml
Excepted quantities (ADN) : E4
Carriage permitted (ADN) : T

Equipment required (ADN) : PP, EP, TOX, A

Ventilation (ADN) : VE02 Number of blue cones/lights (ADN) : 2

#### Rail transport

Classification code (RID) : T4 : 274 Special provisions (RID) Limited quantities (RID) : 100ml Excepted quantities (RID) : E4 Packing instructions (RID) : P001, IBC02 Mixed packing provisions (RID) : MP15 Portable tank and bulk container instructions (RID) T11 Portable tank and bulk container special provisions : TP2, TP27

(RID)

Tank codes for RID tanks (RID) : L4BH Special provisions for RID tanks (RID) : TU15 Transport category (RID) : 2

Special provisions for carriage - Loading, unloading : CW13, CW28, CW31

and handling (RID)

Colis express (express parcels) (RID) : CE5 Hazard identification number (RID) : 60

# 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

#### **SECTION 15: Regulatory information**

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

## 15.1.1. EU-Regulations

## **REACH Annex XVII (Restriction List)**

EU restriction list (REA	U restriction list (REACH Annex XVII)	
Reference code	Applicable on	
3.	UN3287 Potassium chromate solution 10% w/v AGR	
28.	UN3287 Potassium chromate solution 10% w/v AGR	

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EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
29.	UN3287 Potassium chromate solution 10% w/v AGR
3(b)	UN3287 Potassium chromate solution 10% w/v AGR
3(c)	UN3287 Potassium chromate solution 10% w/v AGR

#### **REACH Annex XIV (Authorisation List)**

Potassium chromate is on the REACH Annex XIV List:

Contains REACH Annex XIV substances: Potassium chromate (EC 232-140-5, CAS 7789-00-6)

#### **REACH Candidate List (SVHC)**

Contains a substance on the REACH candidate list in concentration ≥ 0.1% or with a lower specific limit: Potassium chromate (EC 232-140-5, CAS 7789-00-6)

### **PIC Regulation (Prior Informed Consent)**

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

## **Drug Precursors Regulation (273/2004)**

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

## 15.1.2. National regulations

### **France**

Occupational diseases	
Code	Description
RG 10	Ulcerations and dermatitis caused by chromic acid, alkaline chromates and dichromates, zinc chromate and chromium sulphate
RG 10 BIS	Respiratory disorders caused by chromic acid, alkaline chromates and dichromates
RG 10 TER	Cancerous conditions caused by chromic acid and alkaline or alkaline earth chromates and dichromates and by zinc chromate

## Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Chemicals Prohibition Ordinance (ChemVerbotsV) : This product is subject to ChemVerbotsV Annex 2 Entry 1. The following requirements must

be observed: authorization requirement (according to § 6 paragraph 1 sentence 1), basic requirements for carrying out the delivery (according to § 8 paragraph 1, 3 and 4), identification and documentation (according to § 9 paragraph 1 to 3) and exclusion of the

shipping route (according to § 10).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

giftige stoffen - Borstvoeding

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

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NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

: None of the components are listed

: None of the components are listed

#### **Denmark**

**Danish National Regulations** 

: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

## 15.2. Chemical safety assessment

No additional information available

# **SECTION 16: Other information**

Full text of H- and EUH-statements:		
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Carc. 1B	Carcinogenicity (inhalation) Category 1B	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H335	May cause respiratory irritation.	
H340	May cause genetic defects.	
H350i	May cause cancer by inhalation.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
Muta. 1B	Germ cell mutagenicity, Category 1B	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	

Safety Data Sheet (SDS), EU

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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