DC INDUSTRIES s.r.l
Tel: +39 (551) 233-0221
Via sorte, 2, 24030, Barzana 60, Italy

Safety Data Sheet
Flat R2
Safety Data Sheet dated: 01/09/2022

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

1.1. Product identifier
Mixture identification:
Trade name: Flat R2
Trade code: M036SA25

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use: Cement base rapairing mortar
Uses advised against: Data not available

1.3. Details of the supplier of the safety data sheet
Company: DC Industries S.r.l. - Via Sorte, 2 - 24030 Barzana, BG
Tel. +(39) 551 233 0221 (office hours) - www.dc-industries.it
Responsible: sicurezza@dcindustries.it

1.4. Emergency telephone number
Centro antiveleni, Azienda ospedaliera “Antonio Cardarelli”, III Servizio di anestesia e rianimazione, via Antonio Cardarelli 9, Napoli - Tel. 081 5453333
Centro antiveleni, Azienda ospedaliera universitaria Careggi, U.O. Tossicologia medica, via Largo Brambilla 3, Firenze - Tel. 055 7947819
Centro antiveleni, Centro nazionale d’informazione tossicologica, IRCCS Fondazione Salvatore Maugeri Clinica del lavoro e della riabilitazione, via Salvatore Maugeri 10, Pavia - Tel. 0382 24444
Centro antiveleni, Azienda ospedaliera Niguarda Ca’ Granda, piazza Ospedale Maggiore 3, Milano - Tel. 02 66101029
Centro antiveleni, Azienda ospedaliera “Papa Giovanni XXIII”, Tossicologia clinica, Dipartimento di farmacia clinica e farmacologia, piazza OMS 1, Bergamo - Tel. 800 883300
Centro antiveleni Policlinico “Umberto I”, PRGM tossicologia d’urgenza, viale del Policlinico 155, Roma - Tel. 06 49978000
Centro antiveleni del Policlinico “Agostino Gemelli”, Servizio di tossicologia clinica, largo Agostino Gemelli 8, Roma - Tel. 06 3054343 Centro antiveleni, Azienda ospedaliera universitaria Riuniti, viale Luigi Pinto 1, Foggia - Tel. 800 183459
Centro antiveleni, Ospedale pediatrico Bambino Gesù, Dipartimento emergenza e accettazione DEA, piazza Sant’Onofrio 4, Roma - Tel. 06 68593726
Centro antiveleni dell’Azienda ospedaliera universitaria integrata (AOUI) di Verona sede di Borgo Trento, piazzale Aristide Stefani, 1 - 37126 Verona - Tel. 800 011858

► SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) n. 1272/2008 (CLP)
Skin Irrit. 2 Causes skin irritation.
Eye Dam. 1 Causes serious eye damage.
Skin Sens. 1B May cause an allergic skin reaction.
STOT SE 3 May cause respiratory irritation. Adverse physicochemical, human health and environmental effects:
No other hazards

2.2. Label elements
Regulation (EC) n. 1272/2008 (CLP)
Pictograms and Signal Words

Danger
Hazard statements:
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
Precautionary statements:
P261 Avoid breathing dust.
P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/clothing and eye/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Contains:
Portland cement, Cr(VI) < 2 ppm
Special provisions according to Annex XVII of REACH and subsequent amendments:
None.
2.3. Other hazards
No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%.

Other Hazards: No other hazards
Prolonged exposition and/or intensive inhalation of respirable free crystalline silica (average diameter less than 10 micron in accordance with ACGIH) can cause pulmonary fibrosis commonly referred to as silicosis.
This preparation contains cement. Contact between cement and body fluids (e.g. sweat and eye fluids) may cause irritation or burns.

► SECTION 3: Composition/information on ingredients

3.1. Substances
Not Relevant
3.2. Mixtures
Mixture identification: Flat R2

Hazardous components within the meaning of the CLP regulation and related classification:

Concentration (%w/w)	Name	Ident. Numb.	Classification	Registration Number
≥25 - <50 %	portland cement, Cr(VI) < 2 ppm	CAS:65997-15-1	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Dam. 1, H318; STOT SE 3, H335	EC:266-043-4
≥0.005 - <0.01 %	free crystalline silica (Ø <10 µ)	CAS:14808-60-7	STOT RE 1, H372	EC:238-878-4

► SECTION 4: First aid measures

4.1. Description of first aid measures
In case of skin contact:
Immediately take off all contaminated clothing.
Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.
OBTAIN IMMEDIATE MEDICAL ATTENTION.
Wash thoroughly the body (shower or bath).
Remove contaminated clothing immediately and dispose of safely.
After contact with skin, wash immediately with soap and plenty of water.
In case of eyes contact:
After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.
Protect uninjured eye.
In case of Ingestion:
Do not induce vomiting, get medical attention showing the SDS and the hazard label.
In case of Inhalation:
In case of inhalation, consult a doctor immediately and show him packing or label.

4.2. Most important symptoms and effects, both acute and delayed
Eye irritation Eye damages Skin Irritation Erythema

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Treatment:

(see paragraph 4.1)

► SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO2).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

5.3. Advice for firefighters

Use suitable breathing apparatus.

► SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

Use appropriate respiratory protection.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations Scoop into containers and seal for disposal.

Retain contaminated washing water and dispose it.

6.4. Reference to other sections

See also section 8 and 13

► SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists. Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises: Adequately ventilated premises.

7.3. Specific end use(s)

Recommendation(s)

None in particular Industrial sector specific solutions:

None in particular

► SECTION 8: Exposure controls/personal protection

8.1. Control parameters

List of components with OEL value

Component	OEL Type	Country	Ceiling	Long Term mg/m3	Long Term ppm	Short Term mg/m3	Short Term ppm	Behaviour	Note
portland cement, Cr(VI) < 2 ppm	National	FINLAND		1					FINLAND, respirabel fraktion

	NDS	POLAND		6					frakcja wdychalna
	NDS	POLAND		2					frakcja respirabilna
	SUVA	SWITZERLAND		5					A4 - Not Classifiable as a Human
									Carcinogen;pulmonary function;respiratory symptoms;asthma
	DFG	GERMANY		15					
	National	SPAIN		4.000					5 mg/m3 TWA (containing <1% of free Silica, respirable dust);10 mg/m3 TWA (containing <1% of free Silica, total dust)
	National	PORTUGAL		10					
	National	BELGIUM		10					
	National	HUNGARY		10					
	Malaysia OEL	MALAYSIA		10.000					
	National	UNITED KINGDOM		10.000					inhalable dust
	National	UNITED KINGDOM		4.000					respirable dust
	National	CROATIA		10.000		10.000			
	DFG	GERMANY	C	15					
	ACGIH	AUSTRALIA		1.000					A4 - Not Classifiable as a Human
									Carcinogen;pulmonary function;respiratory symptoms;asthma
	Malaysia OEL	MALAYSIA		10					5 mg/m3 TWA (containing <1% of free Silica, respirable dust);10 mg/m3 TWA (containing <1% of free Silica, total dust)

	National	UNITED KINGDOM		10		30.000			5 mg/m3 TWA (containing <1% of free Silica, respirable dust);10 mg/m3 TWA (containing <1% of free Silica, total dust)
	National	UNITED KINGDOM		4.000					
	National	ROMANIA		10					
	National	CROATIA		4.000		10			
	ACGIH			1					A4 - Not Classifiable as a Human Carcinogen;pulmonary function;respiratory symptoms;asthma
	National	SPAIN		4					
	National	FINLAND		5					
	National	FINLAND		1					
	National	PORTUGAL		1					
	National	BELGIUM		1					
	NDS	POLAND		6					
	National	UNITED KINGDOM		10		30			
	National	UNITED KINGDOM		10		12			
	National	UNITED KINGDOM		4		30			
	National	CROATIA		10					
	National	CROATIA		4					
free crystalline silica (Ø <10 µ)	National	SWEDEN		0.100					SWEDEN, respirable aerosol
	National	NORWAY		0.100					K: Chemicals to be treated as carcinogenic.
	NDS	POLAND		2.000					frakcja wdychalna
	NDS	POLAND		0.300					frakcja respirabilna
	National	DENMARK		0.3		0.600			DENMARK, inhalable aerosol inhalable aerosol
	National	DENMARK		0.100		0.200			DENMARK, respirable aerosol respirable aerosol
	ACGIH	None		0.025					(R), A2 - Pulm fibrosis, lung cancer

	EU	None		0.025					A2 (R) - Pulm fibrosis, lung cancer
	National	AUSTRIA		0.150					A*
	ACGIH			0.025					A2 - Suspected Human Carcinogen;lung cancer;pulmonary fibrosis
	National	SWEDEN		0.1					
	National	FRANCE		0.1					
	National	SPAIN		0.05					
	National	DENMARK		0.3					
	National	DENMARK		0.1					
	National	FINLAND		0.05					
	National	PORTUGAL		0.025					
	National	NORWAY		0.3		0.9			
	National	NORWAY		0.1		0.9			
	National	BELGIUM		0.1					
	NDS	POLAND		0.1					
	NDS	NETHERLANDS		0.075					
	National	CZECH REPUBLIC		0.1					
	National	HUNGARY		0.15					
	Malaysia OEL	MALAYSIA		0.1					0.1 mg/m3 TWA (respirable dust)
	National	ESTONIA		0.1					
	National	SLOVAKIA		0.1		0.5			
	National	SLOVENIA		0.1					
	National	BULGARIA		0.07					
	National	ROMANIA		0.1					
	National	LITHUANIA		0.1					
	National	CROATIA		0.1					
	National	ITALY		0.100					

8.2. Exposure controls

Eye protection:
Use close fitting safety goggles, don't use eye lens.
Protection for skin:
Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
Protection for hands:

Suitable materials for safety gloves; EN ISO 374:
Polychloroprene - CR: thickness >=0,5mm; breakthrough time >=480min. Nitrile rubber - NBR: thickness >=0,35mm; breakthrough time >=480min. Butyl rubber - IIR: thickness >=0,5mm; breakthrough time >=480min.
Fluorinated rubber - FKM: thickness >=0,4mm; breakthrough time >=480min.
Nitrile gloves are suggested (1,3 mm; 480 min). Not recommended gloves: not waterproof gloves Respiratory protection:
Personal Protective Equipment should comply with relevant CE standards (as EN ISO 374 for gloves and EN ISO 166 for goggles), correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information.
Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to appropriate EN standards, like EN 136, 140, 143, 149, 14387 for information on selection and use of appropriate respiratory protection equipment.

A dust mask (P2) should be worn if above exposure limits (EN 149)
Use respiratory protection where ventilation is insufficient or exposure is prolonged.
Hygienic and Technical measures Not available
Appropriate engineering controls: Not available

► SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid Appearance: powder Color: White
Odour: cement like
Odour threshold: Not available
Melting point / freezing point: Not available
Initial boiling point and boiling range: Not available Flammability: N.A.
Upper/lower flammability or explosive limits: Not available Flash point: Not available
Auto-ignition temperature: Not available Decomposition temperature: Not available pH: Not available
pH (water dispersion, 10%): 12.00 Viscosity: Not available
Kinematic viscosity: Not available Solubility in water: <5 g/l Solubility in oil: insoluble
Partition coefficient (n-octanol/water): Not available Vapour pressure: Not available
Relative density: 1.30 g/cm3 Vapour density: Not available
Particle characteristics:
Particle size: Not available

9.2. Other information

Miscibility: Not available Conductivity: Not available Explosive properties: ==
No other relevant information

► SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

None.

► SECTION 11: Toxicological information

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

Contains cement. Cement gives a strong alkaline reaction with water and body fluids (e.g. sweat and eye fluids), therefore the contact with skin and eyes should be carefully avoided.

Toxicological information of the mixture:

a)	acute toxicity	Not classified Based on available data, the classification criteria are not met
b)	skin corrosion/irritation	The product is classified: Skin Irrit. 2(H315)
c)	serious eye damage/irritation	The product is classified: Eye Dam. 1(H318)
d)	respiratory or skin sensitisation	The product is classified: Skin Sens. 1B(H317)
e)	germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met
f)	carcinogenicity	Not classified Based on available data, the classification criteria are not met
g)	reproductive toxicity	Not classified Based on available data, the classification criteria are not met
h)	STOT-single exposure	The product is classified: STOT SE 3(H335)

i)	STOT-repeated exposure	Not classified Based on available data, the classification criteria are not met
j)	aspiration hazard	Not classified Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

free crystalline silica (Ø <10 µ)	a) acute toxicity	LD50 Oral Rat = 500 mg/kg

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

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration >= 0.1%

► SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. Eco-Toxicological Information:
List of Eco-Toxicological properties of the product
Not classified for environmental hazards
Based on available data, the classification criteria are not met

12.2. Persistence and degradability

N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%.

12.6 Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7 Other adverse effects

Not available

► SECTION 12: Ecological information

13.1. Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.
A waste code (EWC) according to European List of Waste (LoW) cannot be specified, due to dependence on the usage.
Contact and send to an authorized waste disposal service.
Methods of disposal:
Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Do not dispose of waste into sewers.
Hazardous waste: Yes Disposal considerations:
Do not allow to enter drains or watercourses.
Dispose of product according to all federal, state and local applicable regulations.
If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.
Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.
Special precautions:
This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Empty containers or liners may retain some product residues. Do not re-use empty containers.

► SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number or ID number

Not Applicable

14.2. UN proper shipping name
Not Applicable
14.3. Transport hazard class(es)
Not Applicable
14.4. Packing group
Not Applicable
14.5. Environmental hazards
Not Applicable
14.6. Special precautions for user
Not Applicable Road and Rail (ADR-RID) :
Not Applicable Air (IATA) :
Not Applicable Sea (IMDG) :
Not Applicable
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
VOC (2004/42/EC) : N.A. g/l
The product contains Cr (VI) under the limits established by annex. XVII pt.47. Respect the duration according to the information described on the packaging.
Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH)
Regulation (EU) n. 2020/878 Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP) Regulation (EU) n. 2016/1179 (ATP 9 CLP) Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP) Regulation (EU) n. 2019/521 (ATP 12 CLP) Regulation (EU) n. 2018/1480 (ATP 13 CLP) Regulation (EU) n. 2020/217 (ATP 14 CLP) Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Provisions related to directive EU 2012/18 (Seveso III):

N.A.

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
Restrictions related to the product: None. Restrictions related to the substances contained: 75
SVHC Substances:
SVHC substances not present in a concentration ≥ 0.1% (w/w)
German Water Hazard Class (WGK)
Class 1: slightly hazardous for water.
15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out for the mixture.

► SECTION 16: Other information

Code	Description
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.

Code	Hazard class and hazard category	Description
3.2 /2	Skin Irrit. 2	Skin irritation, Category 2
3.3 /1	Eye Dam. 1	Serious eye damage, Category 1
3.4.2/1B	Skin Sens. 1B	Skin Sensitisation, Category 1B

3.8	/3	STOT SE 3	Specific target organ toxicity — single exposure, Category 3
3.9	/1	STOT RE 1	Specific target organ toxicity — repeated exposure, Category 1

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
3.2 /2	Calculation method
3.3 /1	Calculation method
3.4.2/1B	Calculation method
3.8/3	Calculation method

If appropriate, specific provisions in relation to possible training for workers are mentioned in section 2. Any training related to safety in the workplace must in any case refer to a risk assessment that must be carried out by a company safety officer taking into account the specific operating and environmental conditions in which the products are used.
This document was prepared by a competent person who has received appropriate training. Main bibliographic sources:
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This SDS cancels and replaces any preceding release.
Legend to abbreviations and acronyms used in the safety data sheet: ACGIH: American Conference of Governmental Industrial Hygienists
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity Estimate (Mixtures) BCF: Biological Concentration Factor
BEI: Biological Exposure Index BOD: Biochemical Oxygen Demand
CAS: Chemical Abstracts Service (division of the American Chemical Society). CAV: Poison Center
CE: European Community
CLP: Classification, Labeling, Packaging. CMR: Carcinogenic, Mutagenic and Reprotoxic COD: Chemical Oxygen Demand
COV: Volatile Organic Compound CSA: Chemical Safety Assessment CSR: Chemical Safety Report DMEL: Derived Minimal Effect Level DNEL: Derived No Effect Level.
DPD: Dangerous Preparations Directive DSD: Dangerous Substances Directive EC50: Half Maximal Effective Concentration ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances. ES: Exposure Scenario
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals. IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA). IC50: half maximal inhibitory concentration
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO). IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
IRCCS: Scientific Institute for Research, Hospitalization and Health Care KAFH: KAFH
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population. LD50: Lethal dose, for 50 percent of test population.
LDLo: Leathal Dose Low N.A.: Not Applicable N/A: Not Applicable
N/D: Not defined/ Not available NA: Not available
NIOSH: National Institute for Occupational Safety and Health NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration. PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration. PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail. STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity. TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard). vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.
Non disponibile
Mare (IMDG) :
Non disponibile