

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended


Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

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

- 1.1. Product identifier**
Dezinvir
Substance / mixture
mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Personal hygiene product for disinfecting hands with virucidal effect.
Mixture uses advised against
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
Name or trade name
Ing. Petr Švec - PENTA s.r.o.
Address
Radiová 1122/1, Praha 10, 102 00
Czech Republic
Identification number (CRN)
02096013
VAT Reg No
CZ02096013
Phone
+420 226 060 681
E-mail
info@pentachemicals.eu
Web address
www.pentachemicals.eu
- Competent person responsible for the safety data sheet**
Name
Ing. Petr Švec - PENTA s.r.o.
E-mail
info@pentachemicals.eu
- 1.4. Emergency telephone number**
European emergency number: 112 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is classified as dangerous.
- Flam. Liq. 2, H225
Eye Irrit. 2, H319
- Full text of all classifications and hazard statements is given in the section 16.
- Most serious adverse physico-chemical effects**
Highly flammable liquid and vapour.
- Most serious adverse effects on human health and the environment**
Causes serious eye irritation.
- 2.2. Label elements**
Hazard pictogram
- 
- Signal word**
Danger
- Hazard statements**
H225
Highly flammable liquid and vapour.
H319
Causes serious eye irritation.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to by disposing in a hazardous waste receptacle.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 Registration number: 01-2119457-610-43-xxxx	ethanol	70-80	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 50 %	
Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25-0000	propan-2-ol	6-8	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
CAS: 56-81-5 EC: 200-289-5	glycerol	2	not classified as dangerous	
Index: 008-003-00-9 CAS: 7722-84-1 EC: 231-765-0 Registration number: 01-2119485845-22-xxxx	hydrogen peroxide solution... %	0,1-0,5	Ox. Liq. 1, H271 Acute Tox. 4, H302, H332 Skin Corr. 1A, H314 Specific concentration limit: Skin Corr. 1A, H314: C ≥ 70 % Skin Corr. 1B, H314: 50 % ≤ C < 70 % Skin Irrit. 2, H315: 35 % ≤ C < 50 % Eye Irrit. 2, H319: 5 % ≤ C < 8 % Eye Dam. 1, H318: 8 % ≤ C < 50 % Ox. Liq. 1, H271: C ≥ 70 % Ox. Liq. 2, H272: 50 % ≤ C < 70 % STOT SE 3, H335: C ≥ 35 %	1

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

Notes

- Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists. Rinse skin with water or shower.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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

If inhaled

Not expected.

If on skin

Not expected.

If in eyes

Causes serious eye irritation.

If swallowed

Irritation, nausea.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Highly flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Prevent contact with skin and eyes. No smoking. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Keep container tightly closed. Keep cool. Storage temperature: -10 ° C to + 25 ° C

The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

DNEL

hydrogen peroxide solution... %					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	1.4 mg/m ³	Chronic effects local		
Workers	Inhalation	3 mg/m ³	Acute effects local		
Consumers	Inhalation	0.21 mg/m ³	Chronic effects local		
Consumers	Inhalation	1.93 mg/m ³	Acute effects local		

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

PNEC

hydrogen peroxide solution... %			
Route of exposure	Value	Value determination	Source
Freshwater environment	0.0126 mg/l		
Marine water	0.0126 mg/l		
Freshwater sediment	0.047 mg/kg		
Sea sediments	0.047 mg/kg		
Microorganisms in sewage treatment	4.66 mg/l		
Soil (agricultural)	0.0023 mg/kg		

8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Not expected under normal use.

Skin protection

Při běžné manipulaci se nepředpokládá. (Směs je určena na ošetření rukou)

Respiratory protection

Not expected under normal use.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	containing alcohol
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

not available

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

ethanol					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	13300 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	>15800 mg/kg		Rabbit	
Inhalation (vapor)	LC ₅₀	124.7 mg/l	4 hours	Rat (Rattus norvegicus)	

hydrogen peroxide solution... %					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
	LD ₅₀	>1026 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	>2000 mg/kg		Rabbit	
Inhalation (gases)	LC ₅₀	>0.17 mg/kg	4 hours	Rat (Rattus norvegicus)	

propan-2-ol					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	>2000 mg/kg		Rat	
Inhalation (vapor)	LC ₅₀	>5 mg/kg	4 hours	Rat	
Oral	LD ₅₀	4710 mg/kg		Rat	
Inhalation (vapor)	LC ₅₀	72.6 mg/l	4 hours	Rat	
Dermal	LD ₅₀	12870 mg/kg		Rabbit	
Dermal	LD ₅₀	>2000 mg/kg		Rat	

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

Skin corrosion/irritation

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

hydrogen peroxide solution... %			
Route of exposure	Result	Exposure time	Species
	Irritating		Rabbit

Corrosivity

ethanol			
Route of exposure	Result	Exposure time	Species
	No effect		Rabbit

Serious eye damage/irritation

Causes serious eye irritation.

ethanol			
Route of exposure	Result	Exposure time	Species
	Irritating		Rabbit

hydrogen peroxide solution... %			
Route of exposure	Result	Exposure time	Species
	Serious eye damage		Rabbit

propan-2-ol			
Route of exposure	Result	Exposure time	Species
	Highly irritating		Rabbit

Respiratory or skin sensitisation

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

ethanol				
Route of exposure	Result	Exposure time	Species	Sex
	Indeterminate		Human	

Sensitization

hydrogen peroxide solution... %				
Route of exposure	Result	Exposure time	Species	Sex
	Negative		Guinea-pig	

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date 20th April 2022

Revision date 17th July 2023

Version

3.0

Germ cell mutagenicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

ethanol				
Result	Exposure time	Specific target organ	Species	Sex
Indeterminate				

Carcinogenicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

ethanol					
Route of exposure	Parameter	Value	Result	Species	Sex
Oral			Indeterminate	Rat (Rattus norvegicus)	

Reproductive toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

ethanol						
Effect	Parameter	Value	Exposure time	Result	Species	Sex
Developmental toxicity	NOAEL	38 mg/l		Negative	Rat (Rattus norvegicus)	
	NOAEL	5200 mg/kg	24 hours	Indeterminate	Rat (Rattus norvegicus)	

Toxicity for specific target organ - single exposure

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

ethanol							
Route of exposure	Parameter	Value	Exposure time	Specific target organ	Result	Species	Sex
Inhalation	LOAEL	2.6 mg/l	30 minutes	Nervous system	Drowsiness, Dizziness	Human	
Inhalation	LOAEL	9.4 mg/l		Lungs	Indeterminate	Human	

Toxicity for specific target organ - repeated exposure

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

hydrogen peroxide solution... %								
Route of exposure	Parameter	Method	Value	Exposure time	Specific target organ	Result	Species	Sex
	NOEL	OECD 408	26 mg/kg		Blood		Mouse	M

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date 20th April 2022

Revision date 17th July 2023

Version

3.0

propan-2-ol								
Route of exposure	Parameter	Method	Value	Exposure time	Specific target organ	Result	Species	Sex
Inhalation	NOAEL		12.3 mg/l	24 months	Kidney	Indeterminate	Rat	
Inhalation	NOAEL		12 mg/l	13 weeks	Nervous system	Negative	Rat	
Oral	NOAEL		400 mg/kg/24h	12 weeks	Kidney	Indeterminate	Rat	

Aspiration hazard

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

hydrogen peroxide solution... %				
Route of exposure	Result	Exposure time	Species	Sex
	Positive			

11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

Acute toxicity

ethanol						
Parameter	Method	Value	Exposure time	Species	Environment	Value determination
EC ₅₀		42 mg/l	96 hours	Fish		Experimentally
EC ₅₀		5012 mg/l	48 hours	Daphnia		Experimentally
NOEC		<500 mg/l	96 hours	Algae		Experimentally

hydrogen peroxide solution... %						
Parameter	Method	Value	Exposure time	Species	Environment	Value determination
LC ₅₀		16.4 mg/l	96 hours	Fish (Pimephales promelas)		
EC ₅₀		7.7 mg/l	24 hours	Invertebrates (Daphnia magna)		
IC ₅₀		2.5 mg/l	72 hours	Algae (Chlorella vulgaris)		
EC ₅₀	OECD 209	466 mg/l		Microorganisms		
		34 mg/l		Higher plants		

propan-2-ol						
Parameter	Method	Value	Exposure time	Species	Environment	Value determination
LC ₅₀		>100 mg/l	96 hours	Fish		
EC ₅₀		>100 mg/l	48 hours	Daphnia		

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date 20th April 2022
Revision date 17th July 2023 Version 3.0

propan-2-ol						
Parameter	Method	Value	Exposure time	Species	Environment	Value determination
NOEC		30 mg/l	21 days	Daphnia		Experimentally
EC ₅₀		1400 mg/l	48 hours	Crustaceans		Experimentally
EC ₅₀		>1000 mg/l	24 hours	Algae		Experimentally
IC ₅₀		>100 mg/l	72 hours	Algae		

12.2. Persistence and degradability

Data for the mixture are not available.

Half-life time

hydrogen peroxide solution... %			
Route of exposure	Value	Value determination	Source
Air	24 hours		
Soil (agricultural)	12 hours		

Biodegradability

propan-2-ol					
Parameter	Value	Exposure time	Environment	Value determination	Result
		14 days		Experimentally	

12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

12.4. Mobility in soil

No data are available for either the mixture or the components.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

SECTION 14: Transport information

14.1. UN number or ID number

UN 1170

14.2. UN proper shipping name

ETHANOL

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

II - substances presenting medium danger

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Additional information

Hazard identification No.

33

UN number

1170

Classification code

F1

Safety signs

3



Air transport - ICAO/IATA

Packaging instructions passenger

353

Cargo packaging instructions

364

Marine transport - IMDG

EmS (emergency plan)

F-E, S-D

MFAG

305

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Product contains regulated explosives precursor: Making available, introduction, possession and use of those precursors by member of the general public according to Regulation (EU) 2019/1148, Article 5 to 9. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H225

Highly flammable liquid and vapour.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

H271	May cause fire or explosion; strong oxidiser.
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

Guidelines for safe handling used in the safety data sheet

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to by disposing in a hazardous waste receptacle.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC ₅₀	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEL	Lowest observed adverse effect level
log K _{ow}	Octanol-water partition coefficient
NOAEL	No observed adverse effect level

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Dezinvir

Creation date	20th April 2022	Version	3.0
Revision date	17th July 2023		

NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquid
Ox. Liq.	Oxidising liquid
Skin Corr.	Skin corrosion
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 3.0 replaces the SDS version from 31 May 2022. Changes were made in sections 1, 2, 11, 13, 15 and 16.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.