

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

1.1. Product Identifier

Phenol Red Rapid

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

Relevant identified uses:: Reagents for water analysis
Uses advised against: Other

1.3. Details of the supplier of the safety data sheet

Manufacturer

Pool-i.d. GmbH

Daimlerstraße 20
D 76344 Eggenstein-Leopoldshafen

phone: +49 (0) 721 782 029 0
fax: +49 (0) 721 782 029 11

Supplier

Pool-i.d. GmbH

Daimlerstraße 20
D 76344 Eggenstein-Leopoldshafen

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Contact

Pool-i.d. GmbH

phone: +49 (0) 721 782 029 0
fax: +49 (0) 721 782 029 11

E-Mail (technical details): info@pool-id.com
Website: http://www.pool-id.com/

National contact

Pool-i.d. GmbH

phone: +49 (0) 721 782 029 0
fax: +49 (0) 721 782 029 11

E-Mail (technical details): info@pool-id.com
Website: http://www.pool-id.com/

Informing department:

Labor

1.4. Emergency telephone number

Poison center Munich

Telefon: +49 (0) 89 19 240

Toxicological department, II.Med. hospital of the technical University of Munich

SECTION 2: Hazards Identification

2.1. Classification of the substances or mixtures

Classification according to Regulation (EC) No 1272/2008: -

This product is not classified as hazardous according to the CLP regulation

Directive 67/548/EEC: -

Void

Information concerning particular hazards for human and environment

No hazards to be particularly mentioned

2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008

Void

Hazard pictograms: -

Signal word: -

Hazard statements: -

Labeling according to Regulation 67/548/EEC or 1999/45/EC

Void

Hazard pictograms: -

R-phrases: -

S-phrases: -

Composition/information on ingredients

3.2. Composition of the substances or mixture

3.2. Mixtures

Phenol Red Rapid is a mixture of non-dangerous organic and inorganic .

Dangerous components: Void

REACH – Pre-registered substances: All components are REACH pre-registered.

3.3 Additional information

none

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: Instantly remove any clothing doiled by the product

After inhalation: Supply fresh air; consult doctor in case of symptoms

After skin contact: Instantly wash with water and soap and rinse thoroughly

After eye contact: Rinse opened eye for several minutes under running water (at least 15 minutes). If systems persist, consult doctor

After swallowing: Rinse out mouth and then drink 1-2 glasses of water. In case of persistent symptoms consult doctor

Self protection: First aid assistant: No special self protection needed.

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

Symptoms: No symptoms known up to now.
Nature of Hazards: No risks worthy of mention

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

No further relevant information available

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable: Water fog. Carbon Dioxide (CO₂). Foam, Dry extinguisher powder.
Unsuitable: High power water jet.

Special hazards arising from the substance or mixture

5.3. Advice for the fire fighters

General advice

Extinguishing materials should be selected according to surrounding area.

Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

Additional information:

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Guide people to safety.

6.2. Environmental precautions

No special environmental protection measures are necessary.

6.3. Methods and materials for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.

6.4. References to other sections

No dangerous materials are released

SECTION 7: Handling and storage

7.1. Precautions for safety handling

Information for safety handling

Avoid contact with eyes

Technical measures

No special technical protective measures are necessary

Precautions against fire and explosion

This product is not flammable.

Additional information

None

7.2. Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Store in cool and dry location

Packaging materials

Keep/Store only in original container.

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Storage class: 13

Further information on storage conditions

None

7.3. Specific end use(s)

Observe instructions for use.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1 Limits for occupational exposure****occupational exposure limit value**

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:

Substance with a common (EC) occupational exposure limit value

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:

8.1.2 DNEL and PNEC values**DNEL value**

Substance:	CAS-No.:	DNEL/DMEL	Industry	Professional	consumer

PNEC value

Substance:	CAS-No.:	PNEC	Worker, industry	Worker, professional	consumer

8.1.3 Control-Banding

None

8.1.4 Additional Information

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls

Occupational exposure controls

None

General protection and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Apply skin care products after work. Wash contaminated clothing prior to re-use.

Personal protection equipment

Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

Respiratory protection not required.

Hand protection

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374 Suitable material: PVC (Polyvinyl chloride). CR (polychloroprenes, Chloroprene rubber). NBR (Nitrile rubber). FKM (fluororubber). Butyl rubber.

Eye/face protection

Eye/face protection: not required

Body protection

Skin protection: not required.

Environmental exposure controls

refer to SECTION 7. No further action is necessary.

Consumer exposure controls

refer to SECTION 7. No further action is necessary.

Exposure Scenario

none

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state:	solid: Tablets.
Colour:	orange
Odour:	odourless
Odour threshold:	none

Safety relevant basis data

	parameter	unit	remark
Density:			No data available
Bulk density:			not applicable
pH:	at g/l: 10,5	5,2	
Melting point/freezing point:			No data available
Initial boiling point and			No data available

boiling range:	
Flash point:	No data available
Flammability (solid, gas):	No data available
Explosivity:	not explosive.
Lower explosion limit:	
Upper explosion limit:	
Ignition temperature:	No data available
Decomposition temperature:	No data available
Oxidizing potential:	Not oxidizing.
Vapour pressure:	not applicable
Vapour density:	not applicable
Evaporation rate:	not applicable
Water solubility:	easily soluble.
Fat solubility:	practically insoluble
Soluble in:	Not applicable
Partition coefficient: n-octanol/water:	No data available
Viscosity:	not applicable
Solvent separation test:	No data available
Solvent content:	No data available

9.2. Other information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

none

10.2. Chemical stability

With proper storage and handling the product is stable.

10.3. Possibility of hazardous reactions

none

10.4. Conditions to avoid

moisture. heat.

10.5. Incompatible materials

none

10.6. Hazardous decomposition products

Can be released in case of fire: Pyrolysis products, toxic. Carbon dioxide. Carbon monoxide.

Additional information

none

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Quantitative data on the toxicity of the preparation are not available.

The following statements refer to the individual components

Acute toxicity

Substance:	CAS-No.:	Toxicological information
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Specific symptoms in laboratory animals

none

Irritation and etching

Irritant effect on the skin

mild irritant.

Irritant effect on the eye

mild irritant.

Irritant effect on the respiratory tract

mild irritant.

Additional information

not corrosive

Sensitization

no danger of sensitization.

keine

Repeated dose toxicity (subacute, subchronic, chronic)

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No indications of human carcinogenicity exist.

Germ cell mutagenicity

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

No indications of human reproductive toxicity exists

General remarks

none

Practical experience/human evidence

none

Other information

Data arise from reference works and literature.

SECTION 12: Ecological information**12.1. Toxicity**

There are no data available on the mixture itself.

Ecotoxicity

Substance:	CAS-No.:	Ecotoxicity
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12.2. Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances. Not readily biodegradable (according to OECD criteria)

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

none

Further ecological information

Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

Further details

Data arise from reference works and literature.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal/Product

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Appropriate disposal / Package

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

List of proposed waste codes/waste designations in accordance with EWC

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste code product: 07 07 99 – wastes not otherwise specified

Waste code: 15 01 10 – packing containing residues of or contaminated by
packaging: dangerous substances

remark

Waste disposal according to official state regulations.

SECTION 14: Transport information

14.1. UN-number

UN-No: -

14.2. UN proper shipping name

Official directive for the transport

-
-

Proper Shipping name

-
-

14.3. Transport hazard class(es)

Hazard label(s): -

Classification code:

-

14.4. Packing group

Packing group: -

14.5. Environmental hazards

Environmental hazards: none

14.6. Special precautions for user

Land transport (ADR/RID)

Remark: Not a hazardous material with respect to these transportation regulations.

Transport category: - Tunnel restriction code: -

Special provisions: - Limited quantity (LQ): -

Sea transport (IMDG)

Special Provisions: Keep away from food, drink and animal feedingstuffs.

Remark: Not a hazardous material with respect to these transportation regulations.

EmS-No: - MFAG: - Marine pollutant: -

Special provisions: - Limited quantity (LQ): -

UN proper shipping name

Remark: Not a hazardous material with respect to these transportation regulations

Limited quantity (LQ): -

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

Remark: none

SECTION 15: Regulatory information

Labeling

Hazardous component(s) for labelling

None

Special labelling of particular preparations

None

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

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

none

Regulation (EC) No 2037/2000 concerning materials, which cause damage to the ozone layer.

none

Regulation (EC) No. 648/2004 (Detergents regulation)

none

National regulations

Observe in addition any national regulations

Restrictions of occupation

none

Storage class

13

Water hazard class (WGK)

1 slightly hazardous for water

Other regulations, restrictions and prohibition regulations

none

15.2. Stoffsicherheitsbeurteilung**For this preparation a chemical safety assessment has been carried out:** -

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Training advice**

none

Recommended restrictions of use

refer to chapter 1.

Further remarks

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Documentation of changes

none

Key literature references and sources for data

Data arise from reference works and literature.

Abbreviations and acronyms

none