

SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010



TRCC Europe GmbH

Octosperse P 20

Revision Date 10.07.2015

Supersedes -

Print Date 29.03.2017

Version 1.0

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

1.1 Product identifier

Trade name : Octosperse P 20

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

Use of the Substance/Mixture : Raw material for industry

1.3 Details of the supplier of the safety data sheet

Company : TRCC Europe GmbH
Am Gut Baarking 12
DE -46395 Bocholt
Telephone : +49 2871 234 76 0
Telefax : +49 2871 234 76 44
E-mail address : sales@trcc-europe.com

1.4 Emergency telephone number

+49 (0) 2871 234 76 0

Advice on Safety Data Sheet
sales@trcc-europe.com

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SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Serious eye damage/eye irritation,
Category 2

H319: Causes serious eye irritation.

Classification (67/548/EEC, 1999/45/EC)

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P264 Wash hands thoroughly after handling.

Response:

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.

Hazardous components which must be listed on the label:
7320-34-5 tetrapotassium pyrophosphate

2.3 Other hazards

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

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SECTION 3. Composition/information on ingredients

3.2 Mixtures

Chemical nature : Processing aid

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
tetrapotassium pyrophosphate	7320-34-5 230-785-7	Xi; R36	Eye Irrit. 2; H319	<= 20

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4. First aid measures

4.1 Description of first aid measures

- General advice : Get medical attention if symptoms occur.
: Show this safety data sheet to the doctor in attendance.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : Wash off immediately with soap and plenty of water.
: Remove contaminated clothing. If irritation develops, get medical attention.
: Wash contaminated clothing before reuse.
- In case of eye contact : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- If swallowed : If accidentally swallowed obtain immediate medical attention.
: Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Ingestion may provoke the following symptoms:

Nausea

Repeated or prolonged exposure may cause irritation of eyes and skin.

4.3 Indication of any immediate medical attention and special treatment needed

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No information available.

SECTION 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : No information available.

5.2 Special hazards arising from the substance or mixture

Combustion products
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

5.3 Advice for firefighters

Use personal protective equipment.
The product itself does not burn.
Prevent fire extinguishing water from contaminating surface water or the ground water system.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

6.3 Methods and materials for containment and cleaning up

Clean-up methods - large spillage
Prevent further leakage or spillage if safe to do so.
Large spills should be collected mechanically (remove by pumping) for disposal.
Dispose of in accordance with local regulations.
Clean-up methods - small spillage
Prevent further leakage or spillage if safe to do so.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Pick up and transfer to properly labelled containers.
Pick up and transfer to properly labelled containers.
Dispose of in accordance with local regulations.

6.4 Reference to other sections

For personal protection see section 8.

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SECTION 7. Handling and storage

7.1 Precautions for safe handling

Wear personal protective equipment.
For personal protection see section 8.
Avoid inhalation, ingestion and contact with skin and eyes.
Do not use in areas without adequate ventilation.
Smoking, eating and drinking should be prohibited in the application area.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container.
Keep in properly labelled containers.
Store between 5 and 35 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
Do not freeze.

7.3 Specific end uses

Consult the technical guidelines for the use of this substance/mixture.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters, below limit for consideration

DNEL

tetrapotassium pyrophosphate

: End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long term, Systemic toxicity
Value: 2.79 mg/m³

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long term, Systemic toxicity
Value: 0.68 mg/m³

PNEC

tetrapotassium pyrophosphate

: Fresh water
Value: 0.05 mg/l

Marine water
Value: 0.005 mg/l

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Intermittent use/release

Value: 0.5 mg/l

Impact on Sewage Treatment

Value: 50 mg/l

8.2 Exposure controls

Engineering measures

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.
Avoid dust formation.

Personal protective equipment

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
P2 filter

Hand protection : Protective gloves complying with EN 374.

: Nitrile rubber
Break through time: > 480 min
Glove thickness: 0.35 mm

: Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection : Safety glasses with side-shields conforming to EN166

Skin and body protection : Wear suitable protective clothing.

: Chemical resistant apron

: Suitable material

: PVC

: Skin should be washed after contact.

: Remove and wash contaminated clothing before re-use.

Hygiene measures : Wash hands before breaks and immediately after handling the product.

: When using do not eat, drink or smoke.

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

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Environmental exposure controls

General advice:

The product should not be allowed to enter drains, water courses or the soil.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: colourless
Odour	: characteristic
Odour Threshold	: not determined
pH	: 9.5 - 10.5
Melting point/freezing point	: No data available
Boiling point	: No data available
Flash point	: not applicable
Evaporation rate	: No data available
Flammability (solid, gas)	: The product is not flammable.
Vapour pressure	: ca. 23 hPa, 20 °C
Relative vapour density	: (Air = 1.0)
Water solubility	: soluble
Partition coefficient: n-octanol/water	: No data available
Ignition temperature	: not applicable
Viscosity, dynamic	: No information available.
Explosive properties	: not applicable
Oxidizing properties	: not applicable

9.2 Other information

No information available.

SECTION 10. Stability and reactivity

10.1 Reactivity

Stable

10.2 Chemical stability

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Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Protect from frost, heat and sunlight.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Stable under normal conditions.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

No data is available on the product itself. Information given is based on data on the components and the toxicology of similar products.

Components:

tetrapotassium pyrophosphate:

Acute oral toxicity	: No data available
Acute inhalation toxicity	: No data available
Acute dermal toxicity	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/eye irritation	: No data available
Respiratory or skin sensitization	: No data available
Genotoxicity in vitro	: No data available
Genotoxicity in vivo	: No data available
Carcinogenicity	: No data available
Reproductive toxicity	: No data available
STOT - single exposure	: No data available
STOT - repeated exposure	: No data available

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SECTION 12. Ecological information

12.1 Toxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : No data is available on the product itself.

Chronic aquatic toxicity : No data is available on the product itself.

Components:

tetrapotassium pyrophosphate:

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates. : No data available

Toxicity to algae : No data available

Toxicity to fish (Chronic toxicity) : No data available

Toxicity to daphnia and other aquatic invertebrates. (Chronic toxicity) : No data available

12.2 Persistence and degradability

Components:

tetrapotassium pyrophosphate:

Biodegradability : No data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation : No data available

Components:

tetrapotassium pyrophosphate:

Bioaccumulation : No data available

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12.4 Mobility in soil

Product:

Distribution among environmental compartments : No data available
Physico-chemical removability : Can be eliminated from water by flocculation.

Components:

tetrapotassium pyrophosphate:

Distribution among environmental compartments : Medium: Soil, No data available

12.5 Results of PBT and vPvB assessment

Product:

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Components:

tetrapotassium pyrophosphate:

Assessment : No data available

12.6 Other adverse effects

Product:

This product has no known eco-toxicological effects.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

In accordance with local and national regulations.
The product should not be allowed to enter drains, water courses or the soil.
Waste water from subsequent processing should be given appropriate treatment in line with local regulations.
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging : In accordance with local and national regulations.

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SECTION 14. Transport information

14.1 UN number

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

14.2 Proper shipping name

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

14.3 Transport hazard class

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

14.4 Packing group

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

14.5 Environmental hazards

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

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

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not applicable

SECTION 15. Regulatory information

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

Other regulations : This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).

15.2 Chemical Safety Assessment

Chemical Safety Assessments have been carried out for these substances.

SECTION 16. Other information

Full text of R-phrases referred to under sections 2 and 3.

R36 Irritating to eyes.

Full text of H-Statements referred to under sections 2 and 3.

H319 Causes serious eye irritation.

Further information

Provide adequate information, instruction and training for operators. This data sheet contains changes from the previous version in section(s):

1. Identification of the substance/mixture and of the company/undertaking
2. Hazards identification
3. Composition/information on ingredients
4. First aid measures
5. Fire-fighting measures
6. Accidental release measures
7. Handling and storage
8. Exposure controls/personal protection
9. Physical and chemical properties
10. Stability and reactivity
11. Toxicological information
12. Ecological information
13. Disposal considerations
14. Transport information
15. Regulatory information
16. Other information

Sources of key data used to compile the Safety Data Sheet : Information taken from reference works and the literature.

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[illegible]

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