

SAFETY DATA SHEET

SDS Number MSDS-71
Prepare Date 14.12.2020
Revision Date 14.12.2020
Revision 1



likitkimya

POLYPLAST PC

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

1.1 Product identifiers

Trade name : "Polyplast PC type R-2"
(in the form of solution)
Chemical name : Esters of polycarboxylic acids
Synonims : An aqueous solution of polycarboxylate
Registration number : CAS: trade secret

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

Product application : Superplasticity and super water reducing admixture

Details of the supplier of the safety data sheet

Company : Likit Kimya Sanayi Ticaret A.Ş.
Terminal Address : Terminal Adres: Seymen Yolu. 3.km Marmara Ereğlisi/Tekirdağ
Terminal Telephone : 0 282 613 41 38
Central Office Address : Dudullu Yolu Cad. Parlar İş Merkezi No:115/4 34755
Ataşehir /İstanbul / TÜRKİYE
Central Office Telephone : 0 216 499 30 00 (pbx)
E-mail : info@likitkimya.com
: onur_evcil@likitkimya.com
: ibrahim_caginda@likitkimya.com
Web site : www.likitkimya.com

1.3 Hazards identification

Emergency Phone : 112

2. Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

The substance is not PBT / vPvB.

3. Composition/information on ingredients

3.1 Component

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CAS NO	Chemical name	Concentration, wt. %
Missing	Esters of polycarboxylic acids	50+1
7732-18-5	Water	50+1

4. First aid measures

4.1 Description of first aid measures

General advice

In the case of accident or if you feel unwell, seek medical advice immediately.

Inhalation

If breathed in, move person into fresh air.

Skin contact

In case of contact, flush skin with plenty of water.

Eye contact

Protect unharmed eye. If easy to do, remove contact lens, if worn. Rinse thoroughly with plenty of water. To go to the doctor

Ingestion Ingestion

Drink plenty of water. To go to the doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Not applicable.

Prohibited extinguishing media : Data not available.

5.2 Special hazards arising from the substance or mixture

Specific hazards : Data not available.

5.3 Advice for firefighters

Special protective equipment

for fire-fighters :

In the event of fire, wear self-contained breathing apparatus.

Use personal protective equipment.

Further information :

Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire do not breathe fumes. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Products itself is not flammable.

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6. Accidental release measures

6.1 General necessary steps

Refer to protective measures listed in sections 7 and 8. Use personal protective equipment. Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas. Evacuate personnel to safe areas.

6.2 Environmental precautions

If the product contaminates rivers and lakes or drains inform respective authorities. Avoid release to the environment. Refer to special instructions.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel.

6.4 Reference to other sections

See Section 7, 8, 11, 12 and 13.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: For personal protection see section 8. Avoid contact with skin and eyes. Avoid inhalation of dust. Avoid exposure – obtain special instructions before use.

Advice on protection against fire and explosion:

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to storage conditions (storage rooms and containers):

Keep containers tightly closed in a dry and well-ventilated place. Store in a plastic and metal tanks.

Advice on common storage :

Keep away from food, drink and animal feeding stuffs.

Storage period :

1 year

Storage temperature:

10-60 ° C

7.3 Specific end use(s)

No data available.

8. Exposure controls/personal protection.

8.1 Control parameters

Parameters of working environment must be under control.

Product does not contain significant concentration of the substances that must be controlled in the air of the working environment.

8.2 Exposure controls

Engineering measures

Pressurization of technological equipment. Provide sufficient air exchange and/or exhaust in workrooms as well as highly effective exhaust ventilation.

Personal protective equipment

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Respiratory protection: Half mask, full face mask if needed.

Remarks: Use respirators and components tested and approved under appropriate government standards CEN (EU).

Hand protection

Material: Canvas gloves

Remarks: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Eye protection: Safety goggles

Remarks: Use equipment for eye protection tested and approved under appropriate government standards such as EN 166 (EU).

Skin and body protection: Protective cotton clothing.

Remarks: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

General industrial hygiene practice.

Avoid breathing mist or spray.

Avoid contact with skin, eyes and clothing.

When using do not eat, drink or smoke.

Wash hands before breaks and at the end of workday.

Follow the skin protection plan.

Environmental exposure controls:

No data available.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Aqueous solution Colour: colourless
b) Odour	Weak.
c) Odour Threshold	No data available
d) pH	4-7
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	Not applicable
h) Evaporation rate	No data available
i) Flammability	Non-flammable.
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available

Conforms to Regulation (EC) No. 1907/2006
(REACH), Annex II

Terminal Adress: Sultanköy Merkez Mah. İncirli Mandıra Cd. No:64
Marmaraeğlisi/Tekirdağ
İlgili Kişi/Telefon/mail

Onur EVCİL – onur_evcil@likitkimya.com

İbrahim ÇAĞINDA – ibrahim_caginda@likitkimya.com

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m) Relative density	1,1 ± 0,01 at 20° g/cm ³
n) Water solubility	Complete.
o) Solubility in other solvents	No data available.
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	Not applicable.
s) Evaporation rate	No data available
t) Oxidizing properties	Non-oxidizing.

9.2 Other safety information

No data available

10. Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under normal conditions of handling.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Incompatibility with substances and materials: No data available.

10.6 Hazardous decomposition products

Hazardous decomposition products :No data available

Thermal decomposition :No.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Mouse - ≥5000 mg/kg

Acute inhalation toxicity : No data available.

Acute dermal toxicity : No data available.

Acute toxicity (other routes of administration) : No data available.

Skin corrosion/irritation

Skin irritation :Non-irritating.

Serious eye damage/eye irritation

Eye irritation : Mild eye irritation.

Respiratory or skin sensitisation

Skin sensitization : Non skin sensitizing.

Respiratory sensitization : Non respiratory sensitizing.

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Mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure (sub-acute / sub-chronic)

Toxicity at repeated/repeated exposure (subacute / Pogranichnaya)

No data available

Aspiration hazard

No data available

Additional Information

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Aspiration hazard

No data available.

Neurological effects

No data available.

Toxicology, metabolism, distribution

No data available.

12. Ecological information

12.1 Toxicity

Toxicity to daphnia and other aquatic invertebrates:

No data available.

Toxicity to aquatic plants:

No data available.

12.2 Persistence and degradability

Biodegradability : No data available

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12.3 Bioaccumulation potential

No data available.

12.4 Mobility in soil

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No data available.

12.5 Results of PBT assessment and vPvB

No data available.

12.6 Other adverse effects

Additional ecological information: No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Advice on disposal and packaging: Disposal:

In accordance with local and national regulations. Do not dispose of waste into sewer. This material and its container must be disposed of in a safe way. Do not dispose of together with household waste. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

ADR

Not dangerous goods.

RID

Not dangerous goods.

IATA

Not dangerous goods.

IMDG

Not dangerous goods.

Special precautions for the user

See sections 6,7 and 8

15. REGULATORY INFORMATION

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

Special labelling of certain mixtures: Restricted to professional users.
Seveso Directive (96/82/EC) : Directive does not apply

15.2 Chemical safety assessment

The Chemical Safety Assessment was not undertaken.

16. OTHER INFORMATION

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Hazard statements:

H320 : Causes eye irritation.

H335 : May cause irritation of the upper respiratory tract

H411 : Toxic to aquatic life with long lasting effects.

Further information

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