

DELTA-DC 3750

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

Designation/Trade name: DELTA-DC 3750

Use: Process Chemical

Company: **Delta Specialties**

Swiss compound, 4th Industrial Zone, 6th of October City

A. Republic of Egypt

Tel. +202 368 626 07 **Fax** +202 368 626 07

e-mail info@delta-specialties.com **Website** www.delta-specialties.com

Emergency contact: +20 106 669 3410

2. Hazards Identification

According to REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

No need for classification according to GHS criteria for this product.

Label elements:

The product does not require a hazard warning label in accordance with GHS criteria.

Hazards not otherwise classified

High risk of slipping due to leakage/spillage of product

Emergency overview

CAUTION:

May cause some eye irritation which should cease after removal of the product.

3. Composition/Information on Ingredients

Substance	CAS number	Wt %
Sodium salt of a polyacrylate copolymer	9003-04-7	43 – 45%
Water	7732-18-5	55-56%

4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.

If on skin:

Wash thoroughly with soap and water.

If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

dry powder, carbon dioxide, water spray, foam

Special hazards arising from the substance or mixture

Hazards during fire-fighting:

carbon oxides

Advice for fire-fighters

Protective equipment for fire-fighting:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental Release Measures

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures see, section 8.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

7. Handling and Storage

Precautions for safe handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

No special precautions necessary.

Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and in a cool place.

Storage stability:

Storage temperature: ≥ 5 °C

Avoid extreme heat.

Protect from temperatures below: 5 °C

Protect from temperatures above: 40 °C

8. Exposure Controls/Personal Protection

Advice on system design:

Ensure adequate ventilation.

Personal protective equipment

Respiratory protection:

Respiratory protection not required.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.



Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	liquid
Odour:	mild
Odour threshold:	not determined
Colour:	light yellow
Melting point:	not applicable
Boiling point:	approx. 100 °C
Flash point:	not applicable
Flammability:	not flammable
Lower explosion limit:	N/A
Upper explosion limit:	N/A
Autoignition:	not applicable
Vapour pressure:	not determined
Density:	1.28-1.32 g/cm ³ (20 °C)
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Self-ignition temperature:	not self-igniting
Thermal decomposition:	No decomposition if used correctly.
Viscosity, dynamic:	not determined
Solubility in water:	soluble
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.
Water:	Approx. 60.0%
Organic solvents:	0.0%
Solids Content:	40-45%

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:

not fire-propagating

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

Stable under normal conditions.

No hazardous reactions known.

Conditions to avoid

Avoid excessive temperatures.

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

Decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if used correctly.

11. Toxicological Information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact.

Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

Inhalation

Type of value: ATE

Value: > 20.0000 mg/l

Determined for vapor

Type of value: ATE

Value: > 5.0000 mg/l

Determined for mist

Dermal

Type of value: LD50

Value: > 2,000 mg/kg

Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin.

Skin

Result: non-irritant

Eye

Result: non-irritant

Sensitization

Assessment of sensitization: No sensitizing effect.

Chronic Toxicity/Effects

Genetic toxicity

Assessment of mutagenicity: The substance was not mutagenic in bacteria.

Carcinogenicity

Assessment of carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity

Assessment of reproduction toxicity: No data available.

Teratogenicity

Assessment of teratogenicity: No data available.

Other Information

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

Toxicity to fish

LC50 > 100 ppm (calculated).

Persistence and degradability

Assessment biodegradation and elimination (H2O)

Moderately/partially biodegradable.

Bioaccumulative potential

Bioaccumulation potential

Significant accumulation in organisms is not to be expected.

Additional information

Sum parameter

Chemical oxygen demand (COD): (calculated) 900 mg/g

Biochemical oxygen demand (BOD): (calculated) < 10 mg/g

Other ecotoxicological advice:

Do not discharge product into the environment without control.

The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition.

13. Disposal Considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA:

Not a hazardous waste under RCRA (40 CFR 261).

14. Transport Information

Land transport :

USDOT

Not classified as a dangerous good under transport regulations

Sea transport:

IMDG

Not classified as a dangerous good under transport regulations

Air transport:

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Regulations of the European union (Labelling) / National legislation/Regulations

EEC Directives:

(Hazard categories): Not hazardous

16. Other Information

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements.

The data do not describe the product specifications. Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Delta Specialties Team

Cairo 12. 2020