

According To Regulation (EC) No
1907/2006 (REACH)

DST 794

Preparation Date : 2014

Revision Date: :00/--

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product name: DST 794

1.2 Recommended uses of the chemical and restrictions on use: Biocide for cooling and process water System

1.3 Company Name : Chem Craft Kimyevi Maddeler A.Ş

Manufacturer/Supplier : Kordonboyu Mah, Tekel Cad. Bayındır Sk 12
B Blok No : 21 Kartal/ Istanbul

1.4 Tel/Fax : +90 216 369 16 95
For further information : Email: info@cckimya.com

1.5 Emergency telephone number : +90 216 369 16 95

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Description of The Substance

MSDS Name: Advantech DST 794

biocide for cooling water systems preparation contains chlorine organic compounds and organic polymers

2.2 Declaration of ingredients:

<20 % isothiazoline derivates Symbol : R-Phrases : 20/21/22-34-43

R 41: Risk of serious damage to eyes

3. HAZARDS IDENTIFICATION

3.1 Classification Of the Product

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits. If irritation or other symptoms (as noted above) occur or persist from any route of exposure, remove the affected individual from the area:

See a physician/get medical attention

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4. FIRST AID MEASURES

4.1 Following inhalation

*after inhalation Remove to fresh air.
f spray mist is inhaled, seek medical attention*

4.2 Following skin contact

Rinse with running water and soap. Skin care. Remove contaminated clothes.

4.3 Following eye contact

Immediately flush eyes with copious amounts of running water (for 10 minutes)
see an oculist.

4.4 Following ingestion

Drink plenty of water, see a physician

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Suitable for all regular extinguishing materials.

5.2 Extinguishing media which must not be used for safety reasons

Not known

5.3 Special exposure hazards arising from the product itself, from combustion products or from resulting gases

Not flammable Can be released in case of fire SO_x,CO_x,NO_x,HCl

5.4 Special protective equipment for firefighters

Put on breathing apparatus

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water.

6.3 Methods and material for containment and cleaning up

Neutralize with acid binding material wash away residue with plenty of water.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

When diluting, always stir the product into standing water

7.2. Advice on common storage

Store only in the original container.
Storage Class: VCI-storage class: 10 (BRD)

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Information on the system design

Use only in well ventilated areas

8.2. Components with specific control parameters

Chlor-methyl-dihydroisothiazol-3-on

CAS-Nr : 26172-55-4

MAK: ppm (0,05 mg/m³)

Methyl-dihydroisothiazol-3-on

CAS-Nr.: 2682-20-4

MAK: ppm (mg/m³)

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Form/Physical state	Odor	: Liquid
Color		: Yellowish
PH		: (at 10g/l H ₂ O) (20degree C) 5
Flash Point (°C) closed cup	Density	: >100 degree C
Relative density		: (20degree C) 1,02 g/cm ³
Solubility		: (20degree C) miscible in water

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid

No decomposition if used according to specifications

10.2 Materials to avoid reacts with alkalis

heat generated

10.3 Hazardous decomposition products

In fire SO_x,NO_x,CO_x,HCl may be generated

11. TOXICOLOGICAL INFORMATION

11.1. General Information

Eye contact : Risk of serious damage to eyes

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12. ECOLOGICAL INFORMATION

12.1. aquatic toxicity:

Acute fish toxicity

LC50 > 100 mg prod./l (golden orfe, DIN 38412T15 or zebra fish, ISO 7346)

12.2. Acute bacteria toxicity

EC 50 > 100 mg product/l.

In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological sewage treatment plants. Local discharge statutes have to be observed.

12.3. COD

Chemical oxygen requirement 420 mgO₂/g substance.

12.4. Aquatic Toxicity

Fische, akut
Bakterien

LC0: 1-10 mg/l
EC0: 10-100 mg/l

13. DISPOSAL CONSIDERATIONS

13.1 Product / Packaging disposal

In consultation with the responsible local authority, must be subjected to special treatment: neutralization Cleaning of packaging material with water.

14. TRANSPORT INFORMATION

Not a hazardous material according to RID/ADR, GGVS/ GGVE, ADN, IMDG, ICAO-TI/IATA-DG

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15. REGULATORY INFORMATION

15.1. Classification and labelling according to GefStoffV

Symbols of danger Xi Irritant

15.2 R-phrases

R 41: Risk of serious damage to eyes

15.3 S-phrases

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 39: Wear eye/face protection

National prescriptions:

S 24/25: Avoid contact with skin and eyes

15.5. Water hazard class (WGK)

1 (self-classification on the basis of component assessments or analogy conclusions without addition/ subtraction of points for good/poor biodegradability etc.

16. OTHER INFORMATION

16.1. Revision Date, Version and SDS

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.