



DAF Kimya İç ve Dış Ticaret A.Ş.
Çobançeşme Mah. Sanayi Cad. Genç Osman 1 Sk. No:14
Bahçelievler / İSTANBUL Trade Register No: 98265-5
Phone: 0212 803 41 90
E-mail : info@inknovators.com

SAFETY DATA SHEET

This safety data sheet has been prepared according to European Chemical Agency (ECHA) Reach Compliance (EC) No 1907/2006 with amendment Regulation (EU) 2020/878 and CLP Regulation, EC 1272/2008
Issue date: 23.05.2023 Revision date: 22.05.2023; Version: 4

Commercial Name : ED Activator

SDS No : 049

1. PRODUCT & COMPANY IDENTIFICATION :

- 1.1. Product Name** : ED Activator
1.2. Product Usage : Additive for Textile industry
1.3. Company Name : DAF Kimya İç ve Dış Tic. A.Ş.
Address : Çobançeşme mah. Sanayi cad.
Genç Osman 1 sk. No: 14
Bahçelievler / İstanbul
1.4. Details of the supplier of the safety data sheet :
Supplier Name : DAF Kimya İç ve Dış Tic. A.Ş.
Address : Çobançeşme mah. Sanayi cad.
Genç Osman 1 sk. No: 14
Bahçelievler / İstanbul
Phone : +9 0212 489 70 70
1.5. Emergency Phone : +9 0533 450 43 25 (7/24 hours)
E- mail : info@inknovators.com
National Poison Center: 114 (for 24 hours)

2. HAZARDS IDENTIFICATION :

2.1. Classification of substance and Mixture :

Physical Hazards : Self-heating in large quantities; may catch fire

Health Hazards : Harmful if inhaled. May cause irritation to eyes, skin, mucous membranes and respiratory system. May be harmful by ingestion, inhalation or skin absorption. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If the victim don't feel good, Seek medical attention immediately. Use for protection, suitable protective clothing, gloves and eye/face. Keep out of the reach of children and under lock and key.

Environmental hazards : Do not empty into drains. Dispose of contents/container in accordance with national regulation by licenced firms.

2.2. Label elements:

Labelling according Regulation (EC) No 1272/2008 :

Harmfulness Statements :

H252 Self-heating in large quantities; may catch fire

H302 Harmful if swallowed



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H312 Harmful in contact with skin

H315 Causes skin irritation

H318 Causes eye irritation

H332 Harmful if inhaled

H335 May cause respiratory irritation

H373 Causes damage to organs through prolonged or repeated exposure

Precautionary Statement(s):

P235+P410 Keep cool. Protect from sunlight.

P261 Avoid breathe dust/ fume/ gas/ mist/ vapors/ spray P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 IF ON SKIN: Immerse in cool water/wrap in wet bandages.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P407 Maintain air gap between stacks/pallets

P420 Store away from other materials.

Pictogram : GHS02, GHS05, GHS08

2.3. Other Hazards : N/A

3. COMPOSITION INFORMATION on HAZARDOUS INGREDIENTS :

Component	CAS No	EC No	Concentration (%)	Classification	Labeling
Formamidinesulfonic Acid [Reach Reg:	1758-73-2	217-157-8	40-60 %	Acut tox. Cat. 4, H302 Skin corr. Cat.2, H315 Eye dam/corr. Cat.1, H318 Acut tox. Inhalation, H332	See Section 2.2.



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01-2119945254-38-XXXX]					
Others (non hazardous ingredients, water etc.)	--	--	40-60%	--	--

4. FIRST AID MEASURES :

Inhalation : Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious. If the victim don't feel good, immediately call the National poison control center (phone: 114) Seek medical attention immediately.

Contact with Eyes : Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

Contact with Skin : Immediately flush skin with plenty of water while removing contaminated clothing. Wash contaminated clothing before reuse. If redness or irritation occurs, seek medical attention.

Ingestion : Harmful if swallowed. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, to open the airway of victim's and for prevent aspire, lean to the left side if possible (head down). Immediately consult a doctor with the product label (if possible)

5. FIRE FIGHTING MEASURES :

Extinguishers : Dry powder, carbon dioxide, alcohol-resistant foam. Avoid contact with the water.

Special hazards arising from the substance or mixture : N/A

Extinguishing media : In case of needed, follow the Emergency Plan and take quarantine to environment, remove the staff around.

Special fire fighting equipment : Use gas mask for respiration, leakproof chemical goggles against the splash, fireproof gloves, boots and flame protective clothing.

6. ACCIDENTAL RELEASE MEASURES :

Personal Precautions : Wear protective equipment. Immediately ventilate the contaminated area. Unprotected persons must move away from the contaminated area.



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Environmental Precautions : If there is spillage, use general purpose absorbent/chemical kit for absorb the contaminated area. Do not empty into drains, prevent to contaminated other chemicals. Wash the contaminated area. Get informed the Authorities immediately.

Cleaning Methods : If possible, use chemical kit which is suitable to ingredient of this product. In case there is not a general-purpose absorbent / kit sure to absorb the chemical. Do not clean with water.

7. HANDLING and STORAGE :

Precautions for safe handling: Avoid spills. Don't Inhalation, avoid contact with eye and skin.

Usage : After use, especially when it comes into contact with the eyes and skin - your skin with plenty of water/wash your hands. (please see section 4) In case of needed, follow the Emergency Plan and take quarantine to environment, remove the staff around. No smoking.

Handling: Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Open and handle container with care. Keep ignition sources away.

Storage: Store in a tightly closed container in a dry, wellventilated place.

Sensitivities: Moisture, Light

Storage Temperature : 35,6 – 46,4 °F

8. EXPOSURE CONTROLS / PERSONAL PROTECTION :

Occupational Exposure controls / personal protection:

General hygiene and safety rules should be applied. The working environment must be eye shower (wash) station. Wash hands after working and end of day.

Engineering Measures : Well general ventilation should be used.

Accumulated chemical level in the air to reduce the acceptable limit, use the exhaust ventilation and/or use other engineering controll. General hygiene and safety rules should be applied. The working environment must be eye shower (wash) station.



Personal Protection Equipments :



Protection respiratory system : Gas masks with suitable filters to the chemical.



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Protection Eye, face : Protective goggles against the risk of splash
Protection Skin, Body : May cause skin irritation and burns; use resistance gloves
Protection Hands : Use Fire and chemical resistant clothes

9. PHYSICAL and CHEMICAL PORPERTIES :

9.1. General Informations :

9.1.1. **Visual Appearance** : Light yellow crystalline

9.1.2. **Odour** : Not Available

9.2. Important Health, Safety and Environmental Information :

Melting Point : 255,2-258,8 °F

Boiling Point : Not Available

Decomposition Temperature: 258,8 °C (498 °F)

pH Value : 4 at 10 g/l

Density : 1.7 g/cm³

Solubility in Water : Soluble (water)

Vapor Pressure : 27 mmHg

10. STABILITY and REACTIVITY :

Stable under normal conditions, it is not reactive. Keep away from direct sunlight and keep it away from chemicals that are aggressive chemicals in the content. In case of overheating, can release chemical gases.

11. TOXICOLOGICAL INFORMATION :

RTECS Reference : PB0372500
Target Organs : Not Available
Toxicity Data : Oral Rat LD50: 1,120 mg/kg
Dermal Rabbit LD50 : 2,000 mg/kg
Skin corrosion/irritation : Not Available
Serious eye damage/irritation: Not Available
Carcinogenicity : Not Available

Other Toxicology Information :

Inhalation : May cause irritation and coughing



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- Contact with Skin** : May cause irritation and cracking of the skin at long term effect
Contact with Eyes : May cause irritation therefore use suitable protective clothing, gloves, goggles, mask
Ingestion : In case of ingestion may cause harmful.

12.ECOLOGICAL INFORMATION :

Ecotoxicity : Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheet

Toxicity to Water flea EC50 : 390 mg/l – 24 h

Toxicity to Green Algae LC50 : 32 mg/l – 72 h

Persistence and degradability : Not Available

Bioaccumulative potential : Not Available

Mobility in soil : Not Available

PBT and vPvB assessment : Not Available

Other adverse effects : Not Available

13.DISPOSAL CONSIDERATIONS :

Disposal/destruction : Waste of this product is sent to the recycling companies which are licenced from T.C. Republic of Turkey Ministry of Environment and Urbanisation with National Waste Form.

14.TRANSPORT INFORMATION :

ADR/RID : UN code : 3088, Classification : 4.2, Packing : III

IMDG/IMO : UN code : 3088, Classification : 4.2, Packing : III

IATA/ICAO : UN code : 3088, Classification : 4.2, Packing : III

Packaging and transport information : The packaging must be closed tightly. keep it away from chemicals that are aggressive chemicals in the content.

Proposed special transport packaging : Determined by the manufacturer.

Environmental hazards: Environmentally hazardous/Marine pollutant.

Bulk carriage doesn't apply according to MARPOL 73/78, Annex II and IBC code.

15.REGULATORY INFORMATION :

15.1. Specific for the substance or mixture safety, health and environmental legislation :

National Legislations : Republic of Turkey Ministry of Environment and Urbanisation, 11 December 2013 on classification, labelling and packaging of substances and mixtures legislation



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European Directive: [Regulation \(EC\) No 1272/2008](#), OJ L 353 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures - amending and repealing Directive 67/548/EEC and 1999/45/EC, and Regulation (EC) No 1907/2006.

Guide : UNECE (United Nations Economic Commission for Europe) :

https://www.unece.org/fileadmin/DAM/trans/danger/publi/ghs/ghs_rev02/English/08e_annex4.pdfECHA

(European Chemical Agency) : <http://echa.europa.eu/web/guest/regulations/clp>

16. OTHER INFORMATIONS :

Harmfulness Statements :

H252 Self-heating in large quantities; may catch fire

H302 Harmful if swallowed

H312 Harmful in contact with skin

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P420 Store away from other materials.

Pictograms / Symboles :

GHS02

GHS05

GHS08



Additional Information :

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Information of this safety data sheet is taken from UNECE (United Nations Economic Commission for Europe) and only for informational. The warnings are given on this safety data sheet is for use outside the manufacturer/distributor to direct/indirect can not be held responsible for any loss or damage.