

SAFETY DATA SHEET RED CATALYST DYE

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name RED CATALYST DYE

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

Identified uses Industrial use
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier AKPA KİMYA AMBALAJ SANAYİ VE TİCARET ANONİM ŞİRKETİ
Yenibosna Merkez Mah. Ladin Sok.
No:36/70 Kat:12 34197 Townofis Bahçelievler, İstanbul, TÜRKİYE
Web: www.akpakimya.com
TEL: +90 212 580 55 59
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Contact person Export Department - export@akpakimya.com

1.4. Emergency telephone number

Emergency telephone AKPA Kimya : +90 212 580 55 59

SECTION 2: Hazards identification

According to the notifications provided by companies to ECHA in REACH registrations no hazards have been classified.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Dimethyl Phthalate		< %97	
CAS Number	131-11-3	EC Number	205-011-6
Sınıflandırma T.C. 28848 Not Classified.			

2-Naphthalenol		< %2	
CAS Number	92257-31-3	EC Number	296-120-8
Classification			
Repr. 2	H361 (Oral)		
STOT RE 2	H373 (Liver, spleen) (Oral)		
Aquatic Chronic 4	H413		

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Xylene		< %1
CAS Number	1330-20-7	EC Number
		215-535-7
Classification		
Flam. Liq. 3	H226	
Asp. Tox. 1	H304	
Acute Tox. 4	H312	
Skin Irrit. 2	H315	
Eye Irrit. 2	H319	
Acute Tox. 4	H332	
STOT SE	H335	
Aquatic Chronic 3	H412	

Ethylbenzene		< %1
CAS Number	100-41-4	EC Number
		202-849-4
Classification		
Flam. Liq. 2	H225	
Acute Tox. 4	H332	
Asp. Tox. 1	H304	
STOT RE 2	H373 (hearing organs)	
Aquatic Chronic 3	H412	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.
Ingestion	Seek medical advice. Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.
Skin contact	Wash with soap and water. Get medical attention if symptoms occur
Eye contact	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

Most important symptoms and effects, both acute and delayed No known chronic or acute health risks.

Indication of any immediate medical attention and special treatment needed

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Hazards None known

Treatment Treat symptomatically

SECTION 5: Firefighting measures

General fire hazards None known.

Extinguishing media

Suitable extinguishing media Water spray. Dry chemical. Carbon Dioxide. Alcohol foam.

Unsuitable extinguishing media: None known.

Special hazards arising from the substance or mixture None known.

Advice for firefighters

Special fire fighting procedures: None known.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear appropriate personal protective equipment.

6.2. Environmental precautions

Environmental precautions Not regarded as dangerous for the environment

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

6.4. Reference to other sections

Reference to the other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the MSDS for additional personal protection advice when handling this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures max.30°C

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Country specific exposure limits have not been established or are not applicable unless listed below.

Chemical Name	United States	The United Kingdom	France	Spain	Germany
XYLENE 1330-20-7	S* TWA 50 ppm TWA 221 mg/m ³ STEL 100 ppm STEL 442 mg/m ³	STEL: 100 ppm STEL: 441 mg/m ³ TWA: 50 ppm TWA: 220 mg/m ³ Skin	TWA: 50 ppm TWA: 221 mg/m ³ TWA: 1000 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ STEL: 1500 mg/m ³	S* STEL: 100 ppm STEL: 442 mg/m ³ TWA: 50 ppm TWA: 221 mg/m ³	TWA: 100 ppm TWA: 440 mg/m ³ Ceiling / Peak: 200 ppm Ceiling / Peak: 880 mg/m ³ Skin
Ethylbenzene 100-41-4	S* TWA 100 ppm TWA 442 mg/m ³ STEL 200 ppm STEL 884 mg/m ³	STEL: 125 ppm STEL: 552 mg/m ³ TWA: 100 ppm TWA: 441 mg/m ³ Skin	TWA: 20 ppm TWA: 88.4 mg/m ³ TWA: 1000 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ STEL: 1500 mg/m ³	S* STEL: 200 ppm STEL: 884 mg/m ³ TWA: 100 ppm TWA: 441 mg/m ³	TWA: 20 ppm TWA: 88 mg/m ³ Ceiling / Peak: 40 ppm Ceiling / Peak: 176 mg/m ³ Skin
Chemical Name	Italy	Portugal	The Netherlands	Finland	Denmark
XYLENE 1330-20-7	TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Skin	STEL: 100 ppm STEL: 442 mg/m ³ TWA: 50 ppm TWA: 221 mg/m ³	Skin STEL: 442 mg/m ³ TWA: 210 mg/m ³	TWA: 50 ppm TWA: 220 mg/m ³ STEL: 100 ppm STEL: 440 mg/m ³ Skin	TWA: 25 ppm TWA: 109 mg/m ³ Skin
Ethylbenzene 100-41-4	TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Skin	STEL: 200 ppm STEL: 884 mg/m ³ TWA: 100 ppm TWA: 442 mg/m ³	Skin STEL: 430 mg/m ³ TWA: 215 mg/m ³	TWA: 50 ppm TWA: 220 mg/m ³ STEL: 200 ppm STEL: 880 mg/m ³ Skin	TWA: 50 ppm TWA: 217 mg/m ³ Skin

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Chemical Name	Austria	Swiss	Poland	Norway	Ireland
XYLENE 1330-20-7	Skin STEL 100 ppm STEL 442 mg/m ³ TWA: 50 ppm TWA: 221 mg/m ³	Skin STEL: 200 ppm STEL: 870 mg/m ³ TWA: 100 ppm TWA: 435 mg/m ³	TWA: 100 mg/m ³	TWA: 25 ppm TWA: 108 mg/m ³ Skin STEL: 37.5 ppm STEL: 135 mg/m ³	TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Skin
Ethylbenzene 100-41-4	Skin STEL 200 ppm STEL 880 mg/m ³ TWA: 100 ppm TWA: 440 mg/m ³	Skin STEL: 50 ppm STEL: 220 mg/m ³ TWA: 50 ppm TWA: 220 mg/m ³	STEL: 400 mg/m ³ TWA: 200 mg/m ³	TWA: 5 ppm TWA: 20 mg/m ³ Skin STEL: 5 ppm STEL: 20 mg/m ³	TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Skin

8.2. Exposure controls

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Eye/face protection

It is a good industrial hygiene practice to minimize eye contact.

Skin/Hand protection

It is a good industrial hygiene practice to minimize skin contact.

Other skin and body protection

No data available.

Hygiene measures

Observe good industrial hygiene practices.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Wear suitable mask. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14 387 and EN143. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

Environmental exposure controls

No data available.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

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Appearance	Liquid
Colour	Red
Odour	Chracteristic
pH	No data available
Boiling Point	No data available
Flash point	No data available
Flammability	No data available.
Decomposition Temperature:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity None known.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid None at ambient temperatures.

10.5. Incompatible materials

Materials to avoid Chlorinated compounds..

10.6. Hazardous decomposition products

Hazardous decomposition Products Carbon Dioxide. Carbon Monoxide. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity Based on available data the classification criteria are not met.

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Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/eye irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitization:	Based on available data the classification criteria are not met.
Mutagenicity	Based on available data the classification criteria are not met.
Carcinogenicity	Based on available data the classification criteria are not met.
Reproductive toxicity	Based on available data the classification criteria are not met.
Specific target organ toxicity - single exposure	Based on available data the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data the classification criteria are not met.
Aspiration hazard	Based on available data the classification criteria are not met.
Other adverse effects:	No data available

SECTION 12: Ecological Information

12.1. Toxicity	
Toxicity	No data available
12.2. Persistence and degradability	
Persistence and degradability	No data available
12.3. Bio accumulative potential	
Bio accumulative potential	No data available on bioaccumulation.
12.4. Mobility in soil	
Mobility	No data available
12.5. Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment	No data available

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12.6. Other adverse effects

Other adverse effects No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information No data available.

Disposal methods Dispose of waste and residues in accordance with local authority requirements.
Incinerate.

SECTION 14: Transport information

14.1. UN number

Class not regulated

14.2. UN proper shipping name

Class not regulated

14.3. Transport hazard class(es)

Class not regulated

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No

14.6. Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL Not Applicable.

SECTION 15: Regulatory information

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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Key literature references and sources for data	This SDS is prepared based on the information received from the product owner.
Classification procedures according to Regulation (EC) 1272/2008	Not classified
Training advice	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
Revision comments	The SDS is generated in accordance with the 1907/2006 REACH and 1272/2008 CLP regulations.
Issued by	Simge ARIK lab@akpakimya.com +90 282 361 80 99
Issued Date	05.05.2017
Revision Date	23.05.2018
Revision	1.0
Hazard statements in full	H225 Highly flammable liquid and vapour.

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- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H361 Suspected of damaging fertility or the unborn child .
- H373 May cause damage to organs through prolonged or repeated exposure cause the hazard
- H412 Harmful to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.