

SAFETY DATA SHEET

SAFETY DATA SHEET according to Regulation (EU) 2015/830 (Annex II of REACH)

Preparation Date : 05.01.2015
Revision Date : 14.12.2016
Revision : 01

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SECTION 1. Identification

1.1 Product identifier

Product name : XP 65 DECROLIN

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

Industrial Applications for Textile Printing

1.3 Details of the supplier of the safety data sheet

Company Name : Anadolu Kimya San.Tic.Ltd.Őti.
Company Address : Akçaburgaz Mah. 3105. Sokak No: 8-12
Esenyurt – ISTANBUL – TURKEY
Telefon : +90 212 875 77 50 (3 lines)
Fax : +90 212 875 08 22
web : www.anadolukimya.com
e-mail : info@anadolukimya.com

1.4 Emergency telephone number : +90 212 875 77 50 (3 lines)

SECTION 2. Hazards Identification

2.1 Classification of the substance or mixture according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Physical hazards	: Not classified		
Health hazards	: Acute Toxicity	Category 4	H302
	: Eye Irritation	Category 2	H319
	: Mutagenity	Category 2	H341
Enviromental hazards	: Aquatic Chronic	Category 3	H412

2.2 Label Elements

Signal Word : Warning

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Hazard statements	: Harmful if swallowed - H302 Causes serious eye irritation -H319 Suspected of causing genetic defects - H341 Harmful to aquatic life with long-lasting effects - H412
Precautionary statements	: Obtain special instructions before use - P201 Do not handle until all safety precautions have been read and understood - P202 Wash hands thoroughly after handling - P264 Do not eat, drink or smoke when using this product - P270 Avoid release to the environment - P273
Response	Wear protective gloves/protective clothing/eye protection/face protection - P280 Specific treatment is urgent (look at the label) - P330 IF SWALLOWED: Call a POISON CENTER/doctor/physician/if you feel unwell - P301+P312 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing - P305+P351+P338 If exposed: Call a POISON CENTER or doctor/physician - P308+P313 If eye irritation persists get medical advice/attention - P337+P313
Storage	Store locked up - P405
Disposal	Dispose of contents/container to an approved waste disposal plant. - P501
2.3 Other Hazards	: Not a PBT, vPvB substance as per the criteria of the REACH Ordinance.

SECTION 3. Composition/Information on Ingredients

3.1 Substance/mixture : Substance

Product /Ingredient name	Identifiers	%	Classification	
			Regulation (EC) No. 1272/2008 (CLP)	
Zinc bis(hydraxymethanesulphinate)	EC :246-515-6 CAS : 24887-06-7	99	Acute Tox. 4	H302
			Eye Irrit. 2	H319
			Muta. 2	H341
			Aquatic Chronic 3	H412

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SECTION 4. First-Aid Measures

4.1 Description of first aid measures:

Inhalation; Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation. Call a POISON CENTER/ doctor /physician /if you feel unwell.

Skin contact; Wash with plenty of water and consult a doctor. If skin irritation occurs get medical advice/attention.

Eye contact; Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Cold water may be used. Get medical attention if irritation occurs.

Swallowed; Do NOT induce vomiting unless directed to do so by medical personnel. Call a POISON CENTER/doctor / physician/if you feel unwell. Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed: No data available

4.3 Indication of any immediate medical attention and special treatment needed: No data available

SECTION 5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Water, Foam, Dry powder.

Unsuitable extinguishing media: Carbon dioxide is unsuitable as the chemical has its own oxygen supply.

5.2 Special hazards arising from the substance or mixture

In case of fire, dangerous combustion gases such as carbon monoxide, carbon dioxide, sulfur dioxide, some metallic oxide, formaldehyde fumes may be released.

5.3 Advice for firefighters

Whenever necessary to extinguish a fire, use a full mask with oxygen tubing. Use water spray to cool unopened containers.

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SECTION 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective gloves/protective clothing/eye protection/face protection. Avoid dust formation. Avoid breathing dust/fumes/ gas/ mist/ vapours/ spray. Ensure adequate ventilation. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash before reuse.

6.2 Environmental precautions

The product should not be allowed to enter into soil, drain and wastewater.

6.3 Methods and material for containment and cleaning up

It must be cleaned using absorbent materials and filled into a appropriate container . Keep wastes in suitable closed containers for this work. Finish cleaning by spreading water on the contaminated surface. It must be disposed of in accordance with local regulations.

6.4 Reference to other sections

For personal protection see section 8.

For disposal see section 13.

SECTION 7. Handling and Storage

7.1 Precautions for safe handling

Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Opened containers should be carefully closed and kept upright to prevent spillage. It should be used in ventilated areas and should be consumed within 12 months after the production date.

Environmental Precautions: Do not allow material to contaminate sewer system. Avoid transfer into the environment.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store locked up. Keep containers dry and tightly closed. Keep away from sources of ignition. Maintain air gap between stacks/pallets. Store away from other materials. Store in ventilated place between (+5) and (+30) °C /(+41) and (+86)°F of temperature.

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7.3 Specific end use(s)

No specific use other than those specified in Section 1.2 is predicted.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters

It does not contain any substances with an exposure limit.

8.2 Exposure controls

Appropriate engineering controls: Sufficient ventilation should be provided in handling, storage and working areas. Make sure that the eye shower station is positioned close to the working area.

Individual protection measures, such as personal protective equipment:



Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face: Wear splash goggles. Use equipment for eye protection tested and approved under appropriate government standards. Wear face shield if splashing hazard exists.

Hands: Wear protective gloves. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Skin/Body: Wear protective apron. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled.

Environmental exposure controls: Do not discharge onto the ground or into water courses.

SECTION 9. Physical and Chemical Properties

9.1 Information on physical and chemical properties

Appearance Powder

Color White

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Odour	Product specific
pH	3,5-5,2 (100 g/l, 20 °C/68 °F)
Boiling Point	Approx. 150 °C
Flash Point	No data available
Decomposition Temperature	No data available
Vapour Pressure	No data available
Density	1,12 g/ cm ³ (25 °C/ 77 °F)
Viscosity	No data available
Solubility	Soluble
Partition coefficient (n-octanol/water)	log Pow: < -3.0
Flammability	Not flammable; combustible if involved in a fire; not self-igniting
Auto-ignition temperature	No data available
Explosive / oxidising properties	No data available

SECTION 10. Stability and Reactivity

10.1 Reactivity: In the condition of proper storing in original buckets, there is no risk of reactivity.

10.2 Chemical stability: The product is stable in the recommended storage conditions.

10.3 Possibility of hazardous reactions: The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

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10.4 Conditions to avoid: Avoid exposure to air or moisture over prolonged periods. Avoid dust generation. Avoid exposure to temperatures in excess of 50°C (122°F).

10.5 Incompatible materials: Strong bases, Strong oxidizing agents

10.6 Hazardous decomposition products: Products can be released in the event of a fire as specified in Section 5.2.

SECTION 11. Toxicological Information

11.1 Information on toxicological effects

Acute inhalation toxicity : LD50 Rat > 1.280 mg/kg (OECD Guideline No.423)

Skin Corrosion/Irritation

Skin - rabbit - Non irritant

Serious Eye Damage/Eye Irritation

Eyes - rabbit - Eye irritant

SECTION 12. Ecological Information

12.1 Toxicity

Fish toxicity: No data available

Daphnia and other aquatic invertebrates toxicity: No data available

Algae toxicity: EC50 (green algae- 72 h): > 100 mg/l (OECD Guideline No. 201)

12.2 Persistence and degradability: Degree of elimination > 70 % Easily eliminated from water. (OECD Guideline No. 303A)

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available

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12.5 Results of PBT and vPvB assessment: No data available

12.6 Other adverse effects: Harmful to aquatic life.

SECTION 13. Disposal Considerations

13.1 Waste treatment methods

Waste material should be disposed of in accordance with the Directive 2008/98 / EC on waste and local regulations. Empty containers may contain residues. For this reason, it should be treated like a full container.

SECTION 14. Transport Information

ADR/RID, ADN, IMDG, ICAO/IATA: Not regulated

14.1 UN number: No data available

14.2 UN proper shipping name: No data available

14.3 Transport hazard class(es): No data available

14.4 Packing group: No data available

14.5 Environmental hazards: Harmful to aquatic life with long-lasting effects.

14.6 Special precautions for user: Obtain special instructions before use.

14.7 Transport in bulk according to Annex II of Marpol and IBC Code: No data available

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SECTION 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV – List of substances subject to authorisation Substances of very high concern :

None of the components are listed.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

SECTION 16. Other Information

The information given is designed only as a guidance for safe handling, usage, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification.

Revision

Updated in accordance with the provisions of REACH Annex II (EU No 2015/830).

Abbreviations and acronyms

CLP	Regulation ensures that the hazards presented by chemicals are clearly communicated to workers and consumers in the European Union through classification and labelling of chemicals.
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
LD50	Dose required to kill half the members of a tested population after a specified test duration.
UN Number	Four-digit numbers that identify hazardous materials
MARPOL	International Convention for the Prevention of Pollution from Ships
IBC	Intermediate Bulk Container
REACH	Regulation of the European Union, adopted to improve the protection of human health and the environment from the risks that can be posed by chemicals, while enhancing the competitiveness of the EU chemicals industry.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG Code	International Maritime Dangerous Goods Code

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ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air
IATA International Air Transport Association Annual Report 2007

Key literature references

It is based on REGULATION (EC) No 1272/2008.

Hazard Statements

H302 Harmful if swallowed
H319 Causes serious eye irritation
H341 Suspected of causing genetic defects
H412 Harmful to aquatic life with long-lasting effects