



SAFETY DATA SHEET

Herdins Textile Colour Fix

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name	Herdins Textile Colour Fix
Part No.	101048
Applications	Fixative for wash-resistant dyeing with Herdins Textile Colour natural fiber
Supplier	Herdins Färgverk AB Box 711 S-791 29 Falun Tel: +46 23 33060 Fax: +46 23 33446
*Contact person	Dag Fredrixon d.fredrixon@herdins.se
*Emergency telephones	+46 23 33060 (daytime)

2. HAZARDS IDENTIFICATION

* Irritating to eyes, respiratory system and skin.
Not regarded as environmental hazard under current legislation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Symbol	R-phrases
Trisodium phosphate dodecahydrate	231-509-8	10101-89-0	80-100 %	Xi	R-36/37/38
Sodium metasilicate pentahydrate	229-912-9	10213-79-3	5-10 %	C	R-34, 37

See section 16 for explanations to R-phrases

4. FIRST AID MEASURES

General	Contact physician if symptoms appear.
Inhalation	Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.
Ingestion	Immediately rinse mouth and provide fresh air. Drink plenty of water. DO NOT INDUCE VOMITING! Get medical attention.
Skin	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
*Eyes	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

Extinguishing media	This material is not flammable.
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Protective measures in fire Firefighters exposed to combustion gases/decomposition products should use a respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

Personal protection Avoid dust built up See section nr. 8

Spill cleanup methods Pick up with vacuum or absorbent solid, store in closed container for disposal. Flush area with water.

7. HANDLING AND STORAGE

Usage precautions Avoid handling which leads to dust formation. Avoid spilling, skin and eye contact.

***Storage precautions** Keep containers tightly closed. Keep in original container.
The product is hygroscopic. Store dry.
Keep separate from food, feedstuffs, fertilisers and other sensitive material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respirators Wear respirator if there is dust formation.

Protective gloves Use protective gloves.

Eye protection Wear approved, tight fitting safety glasses where splashing is probable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Powder, dust.

Colour White.

Odour Slight.

Solubility description Soluble in water.

Bulk density ca 900 kg/m³

pH-value, diluted solution ca 12,5 **Concentration %** 1%

10. STABILITY AND REACTIVITY

Stability Stabil under normal conditions
Avoid: Contact with acids.

11. TOXICOLOGICAL INFORMATION

Toxicological data Acute toxicity. LD50. Oral. Rat. 7400 mg/kg (Cas nr 10101-89-0)

Acute toxicity. LD50. Oral. Rat. 847 mg/kg (Cas nr 10213-79-3)

Health warnings INHALATION.
May cause irritation to the respiratory system.
SKIN CONTACT.
Irritating to skin.
Product has a defatting effect on skin.
EYE CONTACT.
Irritating to eyes.
INGESTION.
May cause stomach pain or vomiting.

12. ECOLOGICAL INFORMATION

Ecological information	Not regarded as dangerous for the environment.
Bio accumulation	No bioaccumulation expected.
Degradability	The chemical is readily biodegradable.
Acute fish toxicity	Concentrated product in the sewer may cause raising of the pH level

13. DISPOSAL CONSIDERATIONS

Disposal methods	Smaller amounts: Confirm disposal procedures with environmental engineer and local regulations or Flush to drain with a lot of water Bigger amounts: Confirm disposal procedures and leave the product to disposal company
Waste class	European Waste Catalogue (EWC): 06 02 99.
*Contaminated packaging	Empty wrappings are left to local environment station

14. TRANSPORT INFORMATION

ROAD TRANSPORT (ADR):

ADR class Not dangerous according to ADR.

RAIL TRANSPORT (RID):

Rail transport notes Not dangerous goods according to RID

SEA TRANSPORT (IMDG):

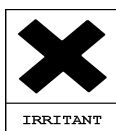
Sea transport notes Not dangerous goods according to IMDG

AIR TRANSPORT (IATA/ICAO):

Air transport notes Not dangerous goods according to IATA

15. REGULATORY INFORMATION

Symbol(s)



Risk phrases

R-36/37/38 Irritating to eyes, respiratory system and skin.

Safety phrases

S-2 Keep out of reach of children.
S-22 Do not breathe dust.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-46 If swallowed seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

Explanations to R-phrases in section 2 R-36/37/38 Irritating to eyes, respiratory system and skin. R-34 Causes burns.
R-37 Irritating to respiratory system.

*** Information revised since the previous version of the SDS**

Issued by Dag Fredrixon

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