



SAFETY DATA SHEET

Herdins Textile Colour NF 30-60, 717 Dark brown

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

Product name	Herdins Textile Colour NF 30-60, 717 Dark brown
Part No.	045717
Applications	Textile dyeing
Contact person	Dag Fredrixon d.fredrixon@herdins.se
Emergency telephones	+46 23 33060 (daytime)
Manufacturer	Herdins Färgverk AB Box 711 S-791 29 Falun Tel: +46 23 33060 Fax: +46 23 33446

2. HAZARDS IDENTIFICATION

Harmful. May cause sensitisation by inhalation and skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Symbol	R-phrases
C.i. Reactive Black 5		17095-25-8	1-5 %	Xn	R-42/43
C.i. Reactive Orange 107		94158-82-4	5-10 %	Xi	R-43
a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)		55965-84-9	<15 ppm	T, N	R-23/24/25, 50/53, 43, 34

See section 16 for explanations to R-phrases

*Composition comments	Contains no additional component that has to be presented according to current labelling regulation.
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4. FIRST AID MEASURES

General	Fresh air.
Inhalation	Fresh air and rest Get medical attention if any discomfort continues.
Ingestion	Drink plenty of water. And if possible also active carbon (carbon suspension). Get medical attention if any discomfort continues.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water.
Eyes	Rinse the eye with water immediately. Get medical attention promptly if symptoms occur after washing.

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Environmental protection	Prevent bigger amount of the product from entering the drains
Spill cleanup methods	Stop leak if possible without risk. Collect and reclaim or dispose in sealed containers in licensed waste.

7. HANDLING AND STORAGE

Usage precautions	Avoid spilling, skin and eye contact. Avoid inhalation of vapours.
Storage precautions	Keep in original container. Store at temperature below 50°C. Store above freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation	Provide sufficient ventilation during operations which cause vapour formation.
Respirators	If ventilation is insufficient, suitable respiratory protection must be provided. Wear respiratory protection with combination filter (dust and gas filter).
Protective gloves	Protective gloves must be used if there is a risk of direct contact or splash.
Eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygienic work practices	Wash promptly if skin becomes wet or contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Water-soluble.		
Colour	Varying.		
Odour	Odourless or no characteristic odour.		
Solubility description	Miscible with water.		
Density (g/cm³)	ca 1	Temperature (°C)	20
pH-value, conc. solution	5,0-6,0		

10. STABILITY AND REACTIVITY

Stability	Normally stable.
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11. TOXICOLOGICAL INFORMATION

Sensitization	The product seems sensibilizing on guinea pig (OECD 406; GPTM according to MAGNUSSON-KLINGMAN Test results originate from tests of the product's components
*Inhalation	Dust may irritate respiratory system or lungs. Repeated exposure of high dust concentrations of reactive dyes in powder-form, that contains the same dyestuff, has in very exceptional cases lead up to sensibilizing of the respiratory system.
Ingestion	No specific health warnings noted.
Skin	May cause sensitisation by skin contact
Eyes	Not irritating (tested on rabbit)

12. ECOLOGICAL INFORMATION

Ecological information	According to the EU regulations the product is not classified as dangerous to the environment. OTHER The product does not contribute to the AOX-value (DIN 1458) of the waste water The product contains no heavy metals relevant to the waste water The product contains no nitrogen that can be released, and contribute to the eutrophication The product contains no phosphates or phosphor organic compounds
Mobility	Miscible with water.
Degradability	Biological eliminable 10 - 25% (statistical method)
Acute fish toxicity	Fishtox: LC0: 10-100 mg/liter. Testspecies: Leuciscus idus Testperiod: Test results originate from tests of the product's components

13. DISPOSAL CONSIDERATIONS

Disposal methods	Bigger amounts: Confirm disposal procedures and leave the product to disposal company Smaller amounts: Confirm disposal procedures with environmental engineer and local regulations
Contaminated packaging	Rinse with water and sort as hard plastic wrapping

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-42/43 May cause sensitisation by inhalation and skin contact.

Safety phrases

S-2 Keep out of reach of children.
 S-23 Do not breathe gas/fumes/vapour/spray.
 S-24 Avoid contact with skin.
 S-37 Wear suitable gloves.
 S-45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

Explanations to R-phrases in section 2

R-42/43 May cause sensitisation by inhalation and skin contact. R-43 May cause sensitisation by skin contact. R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-34 Causes burns.

* Information revised since the previous version of the SDS

User notes:

The product classification concerns the delivery form, when dyeing the dyestoff will react with the textile fiber and is not longer classified as irritant.

Issued by

Dag Fredrixon

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29 ATP.