



## SAFETY DATA SHEET

### Herdins Textile Colour NF 30-60, 736 Cherry-red

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

|                             |                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------|
| <b>Product name</b>         | Herdins Textile Colour NF 30-60, 736 Cherry-red                                            |
| <b>Part No.</b>             | 045736                                                                                     |
| <b>Applications</b>         | Textile dyeing                                                                             |
| <b>Contact person</b>       | Dag Fredrixon<br>d.fredrixon@herdins.se                                                    |
| <b>Emergency telephones</b> | +46 23 33060 (daytime)                                                                     |
| <b>Manufacturer</b>         | Herdins Färgverk AB<br>Box 711<br>S-791 29 Falun<br>Tel: +46 23 33060<br>Fax: +46 23 33446 |

#### 2. HAZARDS IDENTIFICATION

Sensitising. May cause sensitisation by skin contact.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

See section 16 for explanations to R-phrases

|                             |                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Composition comments</b> | Total amount isothiazolinon <15 ppm<br>Contains no additional component that has to be presented according to current labelling regulation. |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|

#### 4. FIRST AID MEASURES

|                   |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| <b>General</b>    | Fresh air.                                                                               |
| <b>Inhalation</b> | Fresh air and rest                                                                       |
| <b>Ingestion</b>  | Drink plenty of water. And if possible also active carbon (carbon suspension).           |
| <b>Skin</b>       | Wash skin thoroughly with soap and water.                                                |
| <b>Eyes</b>       | Rinse the eye with water immediately. Get medical attention if any discomfort continues. |

## 5. FIRE-FIGHTING MEASURES

|                                  |                                 |
|----------------------------------|---------------------------------|
| Extinguishing media              | This material is not flammable. |
| Special fire fighting procedures | Not relevant.                   |

## 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.<br>Collect and reclaim or dispose in sealed containers in licensed waste. |

## 7. HANDLING AND STORAGE

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Usage precautions   | Avoid spilling, skin and eye contact.                |
| Storage precautions | Keep in original container.<br>Store above freezing. |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                         |                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------|
| Protective gloves       | Use suitable protective gloves if risk of skin contact.                                                    |
| 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. Promptly remove any clothing that becomes contaminated. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                              |                                       |                  |    |
|------------------------------|---------------------------------------|------------------|----|
| Appearance                   | Water-soluble.                        |                  |    |
| Colour                       | Crimson.                              |                  |    |
| Odour                        | Odourless or no characteristic odour. |                  |    |
| Solubility description       | Miscible with water.                  |                  |    |
| Density (g/cm <sup>3</sup> ) | ca 1                                  | Temperature (°C) | 20 |

## 10. STABILITY AND REACTIVITY

|           |                  |
|-----------|------------------|
| Stability | Normally stable. |
|-----------|------------------|

## 11. TOXICOLOGICAL INFORMATION

|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Skin            | May cause sensitisation by skin contact             |
| Eyes            | No specific health warnings noted.                  |
| Health warnings | Avoid skin contact with the dyestuff in liquid form |

## 12. ECOLOGICAL INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LC 50, 96 Hrs, Fish mg/l:</b> | > 500 mg/liter                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Ecological information</b>    | <p>Not regarded as dangerous for the environment.</p> <p>The product does not contribute to the AOX-value (DIN 1458) of the waste water</p> <p>The product contains no heavy metals relevant to the waste water</p> <p>The product contains no nitrogen that can be released, and contribute to the eutrophication</p> <p>The product contains no phosphates or phosphor organic compounds</p> |
| <b>Mobility</b>                  | Miscible with water.                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Degradability</b>             | Biological eliminable 10 - 25% (statistical method)                                                                                                                                                                                                                                                                                                                                            |

## 13. DISPOSAL CONSIDERATIONS

|                         |                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal methods</b> | <p>Bigger amounts: Confirm disposal procedures and leav the product to disposal company</p> <p>Smaller amounts: Confirm disposal procedures with environmental engineer and local regulations or Flush to drain with a lot of water</p> |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 14. TRANSPORT INFORMATION

### ROAD TRANSPORT (ADR):

|                  |                                 |
|------------------|---------------------------------|
| <b>ADR class</b> | Not dangerous according to ADR. |
|------------------|---------------------------------|

### RAIL TRANSPORT (RID):

|                             |                                     |
|-----------------------------|-------------------------------------|
| <b>Rail transport notes</b> | Not dangerous gods according to RID |
|-----------------------------|-------------------------------------|

### SEA TRANSPORT (IMDG):

|                            |                                      |
|----------------------------|--------------------------------------|
| <b>Sea transport notes</b> | Not dangerous gods according to IMDG |
|----------------------------|--------------------------------------|

### AIR TRANSPORT (IATA/ICAO):

|                            |                                      |
|----------------------------|--------------------------------------|
| <b>Air transport notes</b> | Not dangerous gods according to IATA |
|----------------------------|--------------------------------------|

## 15. REGULATORY INFORMATION

### Symbol(s)



### \*Risk phrases

R-43 May cause sensitisation by skin contact.

### Safety phrases

S-2 Keep out of reach of children.  
 S-24 Avoid contact with skin.  
 S-37 Wear suitable gloves.  
 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-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

**Revision date** 2008-04-07

**Rev. no./repl. SDS generated** 2005-12-21

**SDS no.** 02

**Signature** DF