



GB

1 / 5

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision: 18.05.2009 Replaces the version of: 26.04.2004 PDF date: 27.05.2010  
Radiator Coolant Dye 6 x 30 ml Art.: 8PE 351 225-811

## Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

#### Identification of the substance or preparation

**Radiator Coolant Dye 6 x 30 ml**  
**Art.: 8PE 351 225-811**

#### Use of the substance/preparation

Leak detector

#### Company/undertaking identification

Hella KGaA Hueck & Co, Rixbecker Str. 75, D-59552 Lippstadt  
Telephone +49 (0) 2941 38 0, Fax +49 (0) 2941 38 7081  
www.hella.de

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

#### Emergency telephone

#### Advisory office in case of poisoning:

Tel.:  
+49 228 / 19240

#### Telephone number of the company in case of emergencies:

Tel. +49 (0) 2941 38 1562

### 2. HAZARDS IDENTIFICATION

#### To people

See point 11 and 15.  
Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

#### To the environment

See point 12.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Symbol	Chemical name	EINECS, ELINCS
content %	Registration number (ECHA)	Classification categories / Indications of danger:	
--	---	---	

### 4. FIRST AID MEASURES

#### 4.1 Inhalation

Supply person with fresh air and consult doctor according to symptoms.

#### 4.2 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

#### 4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.



GB

2 / 5

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision: 18.05.2009 Replaces the version of: 26.04.2004 PDF date: 27.05.2010  
Radiator Coolant Dye 6 x 30 ml Art.: 8PE 351 225-811

Keep Data Sheet available.

#### **4.4 Ingestion**

Give water to drink.

Call doctor immediately - have Data Sheet available.

#### **4.5 Special resources necessary for first aid**

n.c.

### **5. FIRE-FIGHTING MEASURES**

#### **5.1 Suitable extinguishing media**

Foam

CO<sub>2</sub>

Water jet spray

Dry extinguisher

#### **5.2 Extinguishing media which shall not be used for safety reasons**

n.c.

#### **5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

In case of fire the following can develop:

Oxides of carbon

Hydrocarbons

Fume

#### **5.4 Special protective equipment for fire-fighters**

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary

#### **5.5 Further information**

Dispose of contaminated extinction water according to official regulations.

### **6. ACCIDENTAL RELEASE MEASURES**

Refer to point 13. and for personal protection refer to point 8.

#### **6.1 Personal precautions**

If applicable, caution - risk of slipping

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

#### **6.2 Environmental precautions**

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

#### **6.3 Methods for cleaning up**

Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.

### **7. HANDLING AND STORAGE**

#### **7.1 Handling**

##### **Tips for safe handling:**

See point 6.1

Ensure good ventilation.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Wash hands before breaks and at end of work.

Observe directions on label and instructions for use.

#### **7.2. Storage**

##### **Requirements for storage rooms and containers:**

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

##### **Special storage conditions:**

See point 10



GB

3 / 5

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision: 18.05.2009 Replaces the version of: 26.04.2004 PDF date: 27.05.2010  
Radiator Coolant Dye 6 x 30 ml Art.: 8PE 351 225-811

Protect from frost.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values

---

### 8.2 Exposure controls

#### 8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Respiratory protection:

Normally not necessary.

Hand protection:

With long-term contact:

Protective nitrile gloves (EN 374)

Protective hand cream recommended.

Eye protection:

Tight fitting protective goggles with side protection (EN 166).

Skin protection:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

#### 8.2.2 Environmental exposure controls

n.av.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information

Physical state:

Liquid

Colour:

Light brown, Yellow

Odour:

Odourless

### 9.2. Important health, safety and environmental information

pH-value undiluted:

7 - 10

Boiling point/boiling range (°C):

n.av.

Melting point/melting range (°C):

n.av.

Flash point (°C):

n.a.

Flammability (solid, gas):

n.a.

Density (g/ml):

~ 1,01

Water solubility:

Soluble

Viscosity:

n.c.

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

See point 7

Stable when handled and stored correctly.

Strong heat



GB

4 / 5

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision: 18.05.2009 Replaces the version of: 26.04.2004 PDF date: 27.05.2010  
Radiator Coolant Dye 6 x 30 ml Art.: 8PE 351 225-811

### Materials to avoid

Avoid contact with strong oxidizing agents.

### Hazardous decomposition products

See point 5.3

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	6721, Mouse, 4738, *
Inhalation, LC50 rat inhal.(mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	n.av.
Eye contact:	n.av.

### Delayed and chronic effects

Sensitization:	n.c.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

### Further information

No classification according to calculation procedure.

The following may occur:

Irritation of the eyes

With long-term contact:

Irritation of the skin.

\*.

Dyes

## 12. ECOLOGICAL INFORMATION

Persistence and degradability:	n.av.
Behaviour in sewage plants:	n.av.
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.
Mobility:	n.av.
Accumulation:	n.av.
Results of PBT assessment	
n.av.	
Other adverse effects:	n.av.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 03 01 aqueous washing liquids and mother liquors

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

### 13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

15 01 04 metallic packaging

15 01 02 plastic packaging

15 01 01 paper and cardboard packaging

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.



5 / 5

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision: 18.05.2009 Replaces the version of: 26.04.2004 PDF date: 27.05.2010  
Radiator Coolant Dye 6 x 30 ml Art.: 8PE 351 225-811

## 14. TRANSPORT INFORMATION

### General statements

UN-Number: n.a.

### Road/Rail-transport (ADR/RID)

Class/packing group: n.a.

Classification code: n.a.

LQ: n.a.

Tunnel restriction code:

### Transport by sea

IMDG-code: n.a. (class/packing group)

Marine Pollutant: n.a.

### Transport by air

IATA: n.a. (class/secondary danger/packing group)

### Additional information:

Non-dangerous material according to Transport Regulations.

## 15. REGULATORY INFORMATION

### Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Not applicable

Indications of danger: --

R-phrases:

S-phrases:

Additions: n.a.

Observe restrictions: n.a.

## 16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 12

Revised points: 1 - 16 (REACH)

### Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference

period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

**Chemical Check GmbH, Wöbbeler Straße 2-4, D-32839 Steinheim, Tel.: +49 5233 94 17 0, +49 1805-CHEMICAL / +49 180 52 43 642, Fax: +49 5233 94 17 90, +49 180 50 50 455**

© by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.