



GB

1 / 6

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
Multi Purpose dye 6 x 30 ml Art.: 8PE 351 225-801

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

Multi Purpose dye 6 x 30 ml
Art.: 8PE 351 225-801

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 classified as hazardous in the sense of directive 1999/45/EC.
Harmful: may cause lung damage if swallowed.
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

To the environment

See point 12.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name			
content %	Symbol	Chemical name	EINECS, ELINCS
	Registration number (ECHA)	Classification categories / Indications of danger:	
Baseoil - unspecified			
80 - 90	---	---	265-156-6

4. FIRST AID MEASURES

4.1 Inhalation

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

4.2 Skin contact



2 / 6

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
Multi Purpose dye 6 x 30 ml Art.: 8PE 351 225-801

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.
Keep Data Sheet available.

4.4 Ingestion

Rinse the mouth thoroughly with water.
Do not induce vomiting. Consult doctor immediately.
Danger of aspiration

In case of vomiting, keep head low so that the stomach content does not reach the lungs.

4.5 Special resources necessary for first aid

n.c.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Foam
CO2
Water jet spray
Dry extinguisher
Cool container at risk with water.

5.2 Extinguishing media which shall not be used for safety reasons

High volume water jet

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

In case of fire the following can develop:

Fume
Oxides of carbon
Hydrocarbons
Toxic pyrolysis products.

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
Remove possible causes of ignition - do not smoke.
Ensure sufficient supply of air.
Avoid inhalation, and 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.
Keep away from sources of ignition - Do not smoke.
Take measures against electrostatic charging, if appropriate.



3 / 6

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
Multi Purpose dye 6 x 30 ml Art.: 8PE 351 225-801

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.
Use working methods according to operating instructions.

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
Protect against moisture and store closed.
Store cool

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

Chemical Name	Baseoil - unspecified	Content %:80 - 90
WEL-TWA: 300 mg/m3 (AGW)	WEL-STEL: 2(II) (AGW)	---
BMGV: ---	Other information: ---	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

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:
Gas mask filter A (EN 14387)

If OES or MEL is exceeded.

Hand protection:
Protective hand cream recommended.

Protective nitrile gloves (EN 374)

Eye protection:
Skin protection:

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

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
Multi Purpose dye 6 x 30 ml Art.: 8PE 351 225-801

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Physical state: Liquid
Colour: Red
Odour: Mineral oil

9.2. Important health, safety and environmental information

pH-value undiluted: n.av.
Boiling point/boiling range (°C): n.av.
Melting point/melting range (°C): n.av.
Flash point (°C): > 85 coc
Flammability (solid, gas): n.c.
Minimum limit of explosion: 0,9 Vol%
Maximum limit of explosion: 7,0 Vol%
Density (g/ml): 0,88
Water solubility: Insoluble
Viscosity: 5 mm²/sec/40°C

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7
Stable when handled and stored correctly.
Heating, open flame, ignition sources

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): > 5000
Inhalation, LC50 rat inhal.(mg/l/4h): 2200 mg/m³/4h
Skin contact, LD50 rat dermal (mg/kg): > 3160, Rabbit
Eye contact: n.av.

Delayed and chronic effects

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

Further information

No classification based on toxicological analyses.
The following may occur:
Irritation of the eyes
Irritation of the respiratory tract
With long-term contact:
Dermatitis (skin inflammation)

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.

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
Multi Purpose dye 6 x 30 ml Art.: 8PE 351 225-801

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 04 other organic solvents, 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.

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: Xn

Indications of danger: Harmful

R-phrases:

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

S-phrases:

(2) Keep out of the reach of children.

23 Do not breathe vapour.

24 Avoid contact with skin.

35 This material and its container must be disposed of in a safe way.

51 Use only in well-ventilated areas.

62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.





GB

6 / 6

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
Multi Purpose dye 6 x 30 ml Art.: 8PE 351 225-801

Additions:

Baseoil - unspecified

Observe restrictions: Yes

Regulation (EC) No 1907/2006, Annex XVII.

Observe youth employment law (German regulation).

Observe law on protection of expectant mothers (German regulation).

VOC 1999/13/EC ---

16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany):

3 B

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.