

**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name : WASHABLE BEROL COLORING INK - LEAF GREEN

Product code : DS LFGR 04G.

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Ink for BEROL: Color Marker, Color Fine, Color Broad, Color Brush, Hand Hugger Coloring Pens, Fine Line, Hand Hugger Writing Pens

**1.3. Details of the supplier of the safety data sheet**

Registered company name : Newell Rubbermaid UK Limited.

Address : Halifax Ave - Fradley Park .WS 13 8SS.Lichfield Staffordshire.United Kingdom.

Telephone : +44 (0) 1543447001. Fax : .

Aftersales.SERVICE@newellco.com

www.newellrubbermaid.com

**1.4. Emergency telephone number : 0845 4647.**

Association/Organisation : National Poisons Information Service.

**SECTION 2 : HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture****In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

May produce an allergic reaction.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

**2.2. Label elements****In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Contains :

Contains EC 217-699-5 TRISODIUM

5-HYDROXY-1-(4-SULPHOPHENYL)-4-(4-SULPHOPHENYLAZO)PYRAZOLE-3-CARBOXYLATE.  
May produce an allergic reaction.

Risk phrase :

Safety data sheet available for professional user on request.

**2.3. Other hazards**

No data available.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

**3.2. Mixtures****Composition :**

Identification	(EC) 1272/2008	67/548/EEC	Note	%
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CAS: 57-55-6 EC: 200-338-0	MONOPROPYLENE GLYCOL		10 <= x % < 25
CAS: 56-81-5 EC: 200-289-5	GLYCERIN		2.5 <= x % < 10
CAS: 8004-92-0	QUINOLINE YELLOW	GHS07, Wng Xn H:302 R: 22	0 <= x % < 2.5
CAS: 1934-21-0 EC: 217-699-5	TRISODIUM 5-HYDROXY-1-(4-SULPHOPHENYL)-4- (4-SULPHOPHENYLAZO)PYRAZOLE-3- -CARBOXYLATE	GHS08, Dgr Xn H:317-334 R: 42/43	0 <= x % < 2.5

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures****In the event of swallowing :**

Seek medical attention, showing the label.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available.

**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media****5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

No data available.

**SECTION 6 : ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

**For fire-fighters**

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

**7.1. Precautions for safe handling**

Always wash hands after handling.

**Fire prevention :**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

**7.2. Conditions for safe storage, including any incompatibilities**

No data available.

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational exposure limits :**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
56-81-5	10 mg/m3	-	-	-	-

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
56-81-5	-	10	-	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
57-55-6	150 ppm	-	-	-	-
56-81-5	10 mg/m3	-	-	-	-

**8.2. Exposure controls****Personal protection measures, such as personal protective equipment**

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

**- Hand protection**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Natural latex

#### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

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## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### General information :

Physical state : fluid liquid.

#### Important health, safety and environmental information

pH : Not stated.  
slightly basic.

Boiling point/boiling range : not relevant.

Flash point interval : not relevant.

Vapour pressure : Below 110 kPa (1.10 bar).

Density : 1.07 - 1.10

Water solubility : Soluble.

Viscosity : 3.0 - 4.0 cps

Melting point/melting range : not relevant.

Self-ignition temperature : not relevant.

Decomposition point/decomposition range : not relevant.

### 9.2. Other information

No data available.

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## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

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## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

No data available.

#### 11.1.1. Substances

##### Acute toxicity :

GLYCERIN (CAS: 56-81-5)

Oral route :

DL50 > 12600 mg/kg

Species : Rat

Dermal route : DL50 > 1000 mg/kg  
Species : Rabbit

**MONOPROPYLENE GLYCOL (CAS: 57-55-6)**

Oral route : DL50 = 20000 mg/kg  
Species : Rat

Dermal route : DL50 = 20800 mg/kg  
Species : Rabbit

**11.1.2. Mixture****Respiratory or skin sensitisation :**

Contains at least one sensitising substance. May cause an allergic reaction.

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**SECTION 12 : ECOLOGICAL INFORMATION****12.1. Toxicity****12.1.1. Substances**

Substances classified as category 1 acute toxicity :

**GLYCERIN (CAS: 56-81-5)**

Fish toxicity : Duration of exposure : 96 h  
CL50 = 54000 mg/l  
Species : Oncorhynchus mykiss

Crustacean toxicity : Duration of exposure : 48 h  
CE50 > 10000 mg/l  
Species : Daphnia magna

Algae toxicity : Duration of exposure : 72 h  
CEr50 > 2900 mg/l

**MONOPROPYLENE GLYCOL (CAS: 57-55-6)**

Fish toxicity : Duration of exposure : 96 h  
CL50 > 4600 mg/l

Crustacean toxicity : Duration of exposure : 48 h  
CE50 4850 mg/l

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

**German regulations concerning the classification of hazards for water (WGK) :**

WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

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**SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2011 - IMDG 2010 - ICAO/IATA 2012).

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**SECTION 15 : REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Particular provisions :**

No data available.

**- German regulations concerning the classification of hazards for water (WGK) :**

Germany : WGK 1 (VwVwS vom 27/07/2005, KBws)

**15.2. Chemical safety assessment**

No data available.

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**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Title for H, EUH and R indications mentioned in section 3 :**

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
R 22	Harmful if swallowed.
R 42/43	May cause sensitization by inhalation and skin contact.

**Abbreviations :**

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).