



## Safety data sheet according to UK REACH

Printing date 06.06.2025


Version number 1.2 (replaces version 1.1)

Revision: 06.06.2025

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: KEIM DISPERSION-REMOVER**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture**  
Removal of emulsion and latex coatings based on styrenated and pure acrylate resins, acrylic resin paints, crack-bridging systems and synthetic resin renders on render, concrete or natural stone.
- **Uses advised against** All other uses are not recommended.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
KEIM MINERAL PAINTS LTD  
Santok Building / Deer Park Way, Donnington Wood GB-Telford, Shropshire TF2 7NA  
Tel +44 1952 231 250 / Fax +44 1952 231 251  
www.keim.com / sales@keimpaints.co.uk
- **Further information obtainable from:**  
David Pratt  
Telefon: +44 1952 231250  
E-Mail: sales@keimpaints.co.uk
- **1.4 Emergency telephone number:**  
GBK GmbH Global Regulatory Compliance  
Emergency number: +49(0)6132/84463

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Eye Irrit. 2 H319 Causes serious eye irritation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**  
  
GHS07
- **Signal word** Warning
- **Hazard statements**  
H319 Causes serious eye irritation.
- **Precautionary statements**  
P280 Wear protective gloves/protective clothing/eye protection.  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P337+P313 If eye irritation persists: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501 Dispose of contents/container in accordance with regional/national regulations.

**Additional information:**

Restricted to professional users.

**2.3 Other hazards****Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

Description: Solvent/Surfactant alloy, thixotrope

**Dangerous components:**

EC number: 918-481-9 Index number: 649-327-00-6 Reg.nr.: 01-2119457273-39-XXXX	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Asp. Tox. 1, H304, EUH066	2.5-<10%
CAS: 577-11-7 EINECS: 209-406-4 Reg.nr.: 01-2119491296-29-XXXX	Butanedioic acid, sulfo, 1,4-bis(2-ethylhexyl) ester, sodium salt ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	0.1-≤2.5%
CAS: 142-16-5 EINECS: 205-524-5 Reg.nr.: 01-2119524002-60-XXXX	Bis(2-ethylhexyl) maleate ⚠ STOT RE 2, H373; ⚠ Aquatic Chronic 1, H410	0.1-<0.25%
EC number: 906-170-0 Reg.nr.: 01-2119475445-32-XXXX	Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate	50-75%

**Additional information:**

Labelling of ingredients according to Regulation EC No. 648/2004 :

&lt; 5 % anionic surfactants, &lt; 5% soap, 5 - &lt; 15 % aliphatic hydrocarbons.

For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures****General information:**

With appearance of symptoms or in cases of doubt seek medical advice .

When seeing the doctor we suggest to present this safety data sheet.

Immediately remove any clothing soiled by the product.

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.

Keep affected person warm and quiet.

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- In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
Do not use solvents or thinners.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
Rinse mouth and throat well with water.  
Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fire with alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, thick, black smoke develops. Inhalation of the dangerous decomposition products may cause serious health damages.  
In case of fire, the following can be released:  
carbon oxide (CO<sub>x</sub>)  
Nitrogen oxides (NO<sub>x</sub>)
- **5.3 Advice for firefighters**
- **Special protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
Cool endangered receptacles with water spray.  
In case of fire do not breathe smoke, fumes and vapours.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Keep away from ignition sources.  
Respect the protection rules (see section 7 and 8).  
Particular danger of slipping on leaked/spilled product.  
Ensure adequate ventilation  
Avoid contact with skin and eyes.  
Do not inhale fumes.
- **6.2 Environmental precautions:**  
Do not allow product to reach soil, sewage system or any water course.  
Follow local governmental rules and regulations.

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· **6.3 Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

Absorb with non-combustible liquid-binding material (sand, earth, diatomite, vermiculite).

Send for recovery or disposal in suitable receptacles.

Dispose of the material collected according to regulations.

Clear contaminated areas thoroughly.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

Use only in well ventilated areas.

Keep receptacles tightly sealed.

Avoid contact with skin and eyes.

Do not inhale aerosols.

In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection).

Ensure good ventilation/exhaustion at the workplace.

See item 8 (8.2) for information about suitable protective equipment and technical precautions.

Respect the protection rules.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Fumes can combine with air to form an explosive mixture.

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

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Keep in the original containers in a cool and dry place.

Store only in unopened original receptacles.

· **Information about storage in one common storage facility:**

Do not store together with acids.

Do not store together with alkalis (caustic solutions).

Store away from oxidising agents.

· **Further information about storage conditions:**

Protect from frost.

Store receptacle in a well ventilated area.

Protect from heat and direct sunlight.

Store at temperatures between 5 °C and 35 °C.

Please note information on label

· **Storage class: 11**

· **7.3 Specific end use(s)** No further relevant information available.

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### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

#### · Ingredients with limit values that require monitoring at the workplace:

EC-Nr. 906-170-0

TRGS 900, AGW, long-term value: 8 mg/m<sup>3</sup>; 1.2 ppm

#### · DNELs

##### Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate

Inhalative	Long-term - local effects	5 mg/m <sup>3</sup> (consumer) 8.3 mg/m <sup>3</sup> (worker)
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##### 577-11-7 Butanedioic acid, sulfo, 1,4-bis(2-ethylhexyl) ester, sodium salt

Oral	Long-term - systemic effects	17.86 mg/kg bw/day (consumer)
Dermal	Long-term - systemic effects	160.71 mg/kg bw/day (consumer) 267.86 mg/kg bw/day (worker)
Inhalative	Long-term - systemic effects	559.01 mg/m <sup>3</sup> (consumer) 1,889.1 mg/m <sup>3</sup> (worker)

##### 142-16-5 Bis(2-ethylhexyl) maleate

Dermal	Long-term - systemic effects	2.5 mg/kg bw/day (worker)
Inhalative	Long-term - systemic effects	7 mg/m <sup>3</sup> (worker)

#### · PNECs

##### Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate

Aquatic compartment - freshwater	0.018 mg/l (Freshwater)
Aquatic compartment - marine water	0.0018 mg/l (Seawater)
Aquatic compartment - water, intermittent releases	0.18 mg/l (not specified)
Aquatic compartment - sediment in freshwater	0.16 mg/kg sed dw (Freshwater sediment)
Aquatic compartment - sediment in marine water	0.16 mg/kg sed dw (Marine sediment)

##### 577-11-7 Butanedioic acid, sulfo, 1,4-bis(2-ethylhexyl) ester, sodium salt

Aquatic compartment - freshwater	0.18 mg/l (Freshwater)
Aquatic compartment - marine water	0.018 mg/l (Seawater)
Aquatic compartment - sediment in freshwater	17.789 mg/kg sed dw (Freshwater sediment)
Aquatic compartment - sediment in marine water	1.779 mg/kg sed dw (Marine sediment)
Terrestrial compartment - soil	1.04 mg/kg dw (soil)
Sewage treatment plant	122 mg/l (Sewage treatment plant)

##### 142-16-5 Bis(2-ethylhexyl) maleate

Aquatic compartment - freshwater	0.001 mg/l (Freshwater)
Aquatic compartment - marine water	0.0001 mg/l (Seawater)
Aquatic compartment - sediment in freshwater	15.95 mg/kg sed dw (Freshwater sediment)
Aquatic compartment - sediment in marine water	1.595 mg/kg sed dw (Marine sediment)
Terrestrial compartment - soil	3.19 mg/kg dw (soil)

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Sewage treatment plant  
Oral secondary poisoning

100 mg/l (Sewage treatment plant)  
20 mg/kg food (not specified)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Avoid contact with the eyes and skin.

Do not inhale aerosols.

Wash hands before breaks and at the end of work.

Immediately remove all soiled and contaminated clothing.

· **Respiratory protection:**

Use suitable respiratory protective device only when aerosol or mist is formed.

Combination filter A2/P2

· **Hand protection** Protective gloves

· **Material of gloves**

suitable material e.g.:

Nitrile rubber, NBR

KCL Camatril

Recommended thickness of the material:  $\geq 0.4$  mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

Value for the permeation: level  $\geq 6$  ( $> 480$  min)

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**

Goggles recommended during refilling

Tightly sealed goggles

· **Body protection:**

Protective work clothing

Solvent resistant protective clothing

· **Environmental exposure controls**

See Section 12 and 6.2

No further relevant information available.

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Liquid

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· Colour:	Yellowish
· Odour:	Fruit-like
· Odour threshold:	Not determined
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	100 °C
· Flammability	Not determined
· Lower and upper explosion limit	
· Lower:	0.9 Vol %
· Upper:	23.5 Vol %
· Flash point:	62 °C (Pensky-Martens)
· Auto-ignition temperature:	190 °C
· Decomposition temperature:	Not determined
· pH at 20 °C	7-8* (1 Gew-%) (pH-Elektrode)
· Viscosity:	
· Kinematic viscosity at 20 °C	5000-7000* mm <sup>2</sup> /s
· Dynamic:	
· Solubility	
· water:	Emulsifiable

**· Partition coefficient n-octanol/water (log value)**

142-16-5	Bis(2-ethylhexyl) maleate	7,24
	Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate	1,4

· Vapour pressure at 20 °C:	0.6 mbar
· Density and/or relative density	
· Density at 20 °C:	1.0-1.1* g/cm <sup>3</sup> (Pyknometer)
· Relative density	Not determined
· Vapour density	Not determined

· 9.2 Other information	*The values are for freshly produced material and may change with the time.
· Appearance:	
· Form:	Pasty
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Solvent content:	
· VOC (EC)	237.8 g/l (Richtlinie 2010/75/EU)
· Change in condition	
· Evaporation rate	Not determined

**· Information with regard to physical hazard classes**

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void

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· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Stable under normal conditions of storage and use.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
Reacts with acids, alkalis and oxidising agents.  
Exothermic reaction.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:**  
Acids  
Bases  
Oxidizing agents
- **10.6 Hazardous decomposition products:**  
In case of fire, thick, black smoke develops. Inhalation of the dangerous decomposition products may cause serious health damages.  
In case of fire, the following can be released:  
Carbon oxides (CO<sub>x</sub>)  
Nitrogen oxides (NO<sub>x</sub>)  
No hazardous decomposition products if stored and handled as prescribed.

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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**· LD/LC50 values relevant for classification:****Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat) >2,250 mg/kg (rabbit)
Inhalative	LC50/4 h	>11 mg/l (rat)

**Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50/4 h	>4,951 mg/l /OECD 4 (rat) (Vapours)

**· Primary irritant effect:****· Skin corrosion/irritation**

Has de-greasing effect on skin.

Frequent persistent contact with the skin may cause skin irritation.

**· Serious eye damage/irritation**

Causes serious eye irritation.

**· during inhalation:** Irritant effect possible.**· during swallowing:** Irritant effect possible**· Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**· Germ cell mutagenicity** Based on available data, the classification criteria are not met.**· Carcinogenicity** Based on available data, the classification criteria are not met.**· Reproductive toxicity** Based on available data, the classification criteria are not met.**· STOT-single exposure** Based on available data, the classification criteria are not met.**· STOT-repeated exposure** Based on available data, the classification criteria are not met.**· Aspiration hazard** Based on available data, the classification criteria are not met.**· Other information (about experimental toxicology):**

Excessive exposure, e.g. poor indoor ventilation, can cause blurred vision. This is reversible when fresh air is supplied.

Experimental analysis are not available.

The product was not tested. The statements on toxicology have been derived from the properties of the individual components.

**· Subacute to chronic toxicity:****· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** Not applicable**· 11.2 Information on other hazards****· Endocrine disrupting properties**

None of the ingredients is listed.

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### SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · Aquatic toxicity:

##### Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate

EC 50/48h 112-150 mg/l (daphnia)

ErC50/72h &gt;85 mg/l (algae)

LC 50/96 h 18-24 mg/l (fish)

#### · 12.2 Persistence and degradability

biodegradable

Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate 97 (28d) %

#### · 12.3 Bioaccumulative potential

No further relevant information available.

#### · Bioconcentration factor (BCF)

577-11-7 Butanedioic acid, sulfo, 1,4-bis(2-ethylhexyl) ester, sodium salt 9,33

142-16-5 Bis(2-ethylhexyl) maleate 3,61

#### · 12.4 Mobility in soil

No further relevant information available.

#### · 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable

· vPvB: Not applicable

#### · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

#### · 12.7 Other adverse effects

##### · Additional ecological information:

##### · AOX-indication:

Due to the substance of content which do not include organic jointed halogens, the product can not take influence on the AOX-load of the waste water.

##### · According to the formulation contains the following heavy metals and compounds from the EU guideline NO. 2006/11/EC:

According to our current data base the product does not consist of any heavy metals or substances of EU guideline NO. 2006/11/EC.

##### · General notes:

At present there are no ecotoxicological assessments.

The statements on ecotoxicology have been derived from the properties of the individual components.

Do not allow product to reach ground water, water course or sewage system.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · Recommendation

Must not be disposed with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

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**· European waste catalogue**

08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
08 01 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary with cleansing agents.

**SECTION 14: Transport information**

· <b>14.1 UN number or ID number</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.2 UN proper shipping name</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b> · <b>ADR, IMDG, IATA</b> · <b>Class</b>	Void
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable
· <b>Transport/Additional information:</b>	No dangerous good in sense of these transport regulations.
· <b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**
- **Regulated explosives precursors**  
None of the ingredients is listed.
- **Regulated poisons**  
None of the ingredients is listed.

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**· Reportable explosives precursors**

None of the ingredients is listed.

**· Reportable poisons**

None of the ingredients is listed.

**· Labelling according to Regulation (EC) No 1272/2008**

For information on labelling please refer to section 2 of this document.

**· Directive 2012/18/EU****· Named dangerous substances - ANNEX I** None of the ingredients is listed.**· REGULATION (EC) No 1907/2006 ANNEX XVII****· ANNEX I EXPORT SUBSTANCES DECLARABLE FOR EXPLOSIVES in quantities > 1%.**

None of the ingredients is listed.

**· National regulations:****· Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**· Other regulations, limitations and prohibitive regulations****· Please note:**

REGULATION (EC) No 648/2004 on detergents

TRGS 200 (Germany)

TRGS 500 (Germany)

TRGS 510 (Germany)

TRGS 900 (Germany)

**· 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**· A Chemical Safety Assessment has been carried out for the following substances in this preparation:**

EC number: 918-481-9

Index number: 649-327-00-6

Reg.nr.: 01-2119457273-39-XXXX

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics

⚠ Asp. Tox. 1, H304, EUH066

CAS: 577-11-7

EINECS: 209-406-4

Reg.nr.: 01-2119491296-29-XXXX

Butanedioic acid, sulfo, 1,4-bis(2-ethylhexyl) ester, sodium salt

⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315

CAS: 142-16-5

EINECS: 205-524-5

Reg.nr.: 01-2119524002-60-XXXX

Bis(2-ethylhexyl) maleate

⚠ STOT RE 2, H373; ⚠ Aquatic Chronic 1, H410

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Relevant phrases**

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H373 May cause damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

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EUH066 Repeated exposure may cause skin dryness or cracking.

· **Department issuing SDS:** KEIMFARBEN Germany, Product safety department

· **Abbreviations and acronyms:**

WEL: Workplace exposure limit

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

EC10: Effective concentration at 10% mortality rate.

EC50: Half maximal effective concentration.

LC10: Lethal concentration at 10% mortality rate.

NOEC: No observed effect concentration.

UK REACH: Registration, Evaluation and Authorisation of Chemicals (Regulation (EC) No.1907/2006)

ATE: Acute toxicity estimate values

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

· **\* Data compared to the previous version altered.**