

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
Print date: 09.07.2019
Version: 1.20

Stain Remover
Revision date: 02.07.2019
Issue date: 02.07.2019

53361 EN
Page 1 / 10

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

1.1. **product identifiers**

Article No. (manufacturer/supplier) 501000
Trade name/designation Stain Remover

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

Relevant identified uses:

Product for surface repair and surface polish.

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

Manufacturer/supplier

Heinrich König & Co.KG
An der Rosenhelle 5
D-61138 Niederdorfelden

Telephone: +49 6101 5360 0
Telefax: +49 6101 5360 11

Dept. responsible for information:

Laboratory

Telephone: +49 6101 5360 71

Only available during office hours:

Mon - Thurs 08:00 to 16:00
Friday 08:00 - 12:30

E-mail (competent person)

SDB@heinrich-koenig.de

1.4. **Emergency telephone number**

Emergency telephone number

Emergency CONTACT (24-Hour-Number): GBK
GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

2.1. **Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 2 / H225

Flammable liquids

Highly flammable liquid and vapour.

Eye Irrit. 2 / H319

Serious eye damage/eye irritation

Causes serious eye irritation.

STOT SE 3 / H336

STOT-single exposure

May cause drowsiness or dizziness.

Asp. Tox. 1 / H304

Aspiration hazard

May be fatal if swallowed and enters airways.

2.2. **Label elements**

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Danger

Hazard statements

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

H304

May be fatal if swallowed and enters airways.

Precautionary statements

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P301 + P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331

Do NOT induce vomiting.

P370 + P378

In case of fire: Use foam to extinguish.

P403 + P235

Store in a well-ventilated place. Keep cool.

Hazard components for labelling

n-butyl acetate

White mineral oil (petroleum)

Supplemental Hazard information (EU)

EUH066

Repeated exposure may cause skin dryness or cracking.

2.3. **Other hazards**

No information available.

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
Print date: 09.07.2019
Version: 1.20

Stain Remover
Revision date: 02.07.2019
Issue date: 02.07.2019

53361 EN
Page 2 / 10

SECTION 3: Composition / information on ingredients

3.2. **Mixtures**

Description Maintenance product

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No. CAS No. INDEX No.	REACH No. Designation classification // Remark	Wt %
232-455-8 8042-47-5	01-2119487078-27-xxxx White mineral oil (petroleum) Asp. Tox. 1 H304	25 < 50
204-658-1 123-86-4 607-025-00-1	01-2119485493-29-xxxx n-butyl acetate Flam. Liq. 3 H226 / STOT SE 3 H336	25 < 50
211-463-5 646-06-0 605-017-00-2	01-2119490744-29-xxxx 1,3-dioxolane Flam. Liq. 2 H225 / Eye Irrit. 2 H319	10 < 20
920-901-0	01-2119456810-40-xxxx Hydrocarbons, C11-C13, isoalkanes, <2% aromatics Asp. Tox. 1 H304	7 < 10

Additional information

Full text of classification: see section 16

Labelling for contents according to regulation (EC) No. 648/2004:

Wt %	Ingredient
> 30 %	aliphatic hydrocarbons

SECTION 4: First aid measures

4.1. **Description of first aid measures**

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. **Extinguishing media**

Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Unsuitable extinguishing media

strong water jet

5.2. **Special hazards arising from the substance or mixture**

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
Print date: 09.07.2019
Version: 1.20

Stain Remover
Revision date: 02.07.2019
Issue date: 02.07.2019

53361 EN
Page 3 / 10

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Further information

Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

n-butyl acetate

INDEX No. 607-025-00-1 / EC No. 204-658-1 / CAS No. 123-86-4

TWA: 724 mg/m³; 150 ppm

STEL: 966 mg/m³; 200 ppm

Additional information

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
Print date: 09.07.2019
Version: 1.20

Stain Remover
Revision date: 02.07.2019
Issue date: 02.07.2019

53361 EN
Page 4 / 10

TWA : long-term occupational exposure limit value
STEL : short-term occupational exposure limit value
Ceiling : peak limitation

DNEL:

White mineral oil (petroleum)

EC No. 232-455-8 / CAS No. 8042-47-5

DNEL long-term dermal (systemic), Workers: 220 mg/kg
DNEL long-term inhalative (systemic), Workers: 160 mg/m³
DNEL long-term oral (repeated), Consumer: 40 mg/kg
DNEL long-term dermal (systemic), Consumer: 92 mg/kg
DNEL long-term inhalative (systemic), Consumer: 35 mg/m³

n-butyl acetate

INDEX No. 607-025-00-1 / EC No. 204-658-1 / CAS No. 123-86-4

DNEL acute dermal, short-term (systemic), Workers: 11 mg/kg
DNEL long-term dermal (systemic), Workers: 7 mg/kg
DNEL acute inhalative (local), Workers: 600 mg/m³
DNEL acute inhalative (systemic), Workers: 600 mg/m³
DNEL long-term inhalative (local), Workers: 300 mg/m³
DNEL long-term inhalative (systemic), Workers: 48 mg/m³
DNEL short-term oral (acute), Consumer: 2 mg/kg
DNEL long-term oral (repeated), Consumer: 2 mg/kg
DNEL acute dermal, short-term (systemic), Consumer: 6 mg/kg
DNEL long-term dermal (systemic), Consumer: 3,4 mg/kg
DNEL acute inhalative (local), Consumer: 300 mg/m³
DNEL acute inhalative (systemic), Consumer: 300 mg/m³
DNEL long-term inhalative (local), Consumer: 35,7 mg/m³
DNEL long-term inhalative (systemic), Consumer: 12 mg/m³

1,3-dioxolane

INDEX No. 605-017-00-2 / EC No. 211-463-5 / CAS No. 646-06-0

DNEL long-term dermal (systemic), Workers: 0,04 mg/kg
DNEL long-term inhalative (systemic), Workers: 37,37 mg/m³
DNEL long-term oral (repeated), Consumer: 0,63 mg/kg
DNEL long-term dermal (systemic), Consumer: 0,04 mg/kg
DNEL long-term inhalative (systemic), Consumer: 45,2 mg/m³

PNEC:

n-butyl acetate

INDEX No. 607-025-00-1 / EC No. 204-658-1 / CAS No. 123-86-4

PNEC aquatic, freshwater: 0,18 mg/l
PNEC aquatic, marine water: 0,018 mg/l
PNEC aquatic, intermittent release: 0,36 mg/l
PNEC sediment, freshwater: 0,981 mg/kg
PNEC sediment, marine water: 0,0981 mg/kg
PNEC, soil: 0,0903 mg/kg

1,3-dioxolane

INDEX No. 605-017-00-2 / EC No. 211-463-5 / CAS No. 646-06-0

PNEC aquatic, freshwater: 19,7 mg/l
PNEC aquatic, marine water: 1,97 mg/l
PNEC aquatic, intermittent release: 0,95 mg/l
PNEC sediment, freshwater: 77,7 mg/kg
PNEC sediment, marine water: 7,77 mg/kg
PNEC, soil: 2,62 mg/kg
PNEC sewage treatment plant (STP): 1 mg/l

8.2. **Exposure controls**

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Personal protection equipment

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
Print date: 09.07.2019
Version: 1.20

Stain Remover
Revision date: 02.07.2019
Issue date: 02.07.2019

53361 EN
Page 5 / 10

must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection

For prolonged or repeated handling the following glove material must be used: Butyl caoutchouc (butyl rubber)
Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye/face protection

Wear closely fitting protective glasses in case of splashes.

Body protection

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state: **Liquid**
Colour: **refer to label**

Odour: **Preparations containing solvent**

Odour threshold: **not determined**

pH at 20 °C: **N.A.**

Melting point/freezing point: **n.a.**

Initial boiling point and boiling range: **76 °C**
Method: calculated.
Source: 1,3-dioxolane

Flash point: **-5 °C**
Method: calculated.

Evaporation rate: **not determined**

flammability

Burning time (s): **not determined**

Upper/lower flammability or explosive limits:

Lower explosion limit: **1,05 Vol-%**
Method: calculated.

Upper explosion limit: **12 Vol-%**
Method: calculated.
Source: propan-2-ol

Vapour pressure at 20 °C: **21,8871 mbar**
Method: calculated.

Vapour density: **not determined**

Relative density:
Density at 20 °C: **0,88 g/cm³**
Method: calculated.

Solubility(ies):

Water solubility (g/L) at 20 °C: **insoluble**

Partition coefficient: n-octanol/water: **see section 12**

Auto-ignition temperature: **not determined**

Decomposition temperature: **not determined**

Viscosity at 20 °C: **15 mm²/s**

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
Print date: 09.07.2019
Version: 1.20

Stain Remover
Revision date: 02.07.2019
Issue date: 02.07.2019

53361 EN
Page 6 / 10

Explosive properties:	not determined
Oxidising properties:	not determined
9.2. Other information	
Solid content (%):	38,71 Wt %
solvent content:	
Organic solvents:	61 Wt %
Water:	0 Wt %

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

not applicable

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

11.1. Information on toxicological effects

Acute toxicity

White mineral oil (petroleum)

oral, LD50, Rat: > 5000 mg/kg

Method: OECD 401

dermal, LD50, Rabbit: > 5000 mg/kg

Method: OECD 402

inhalative (vapours), LC50, Rat: > 5000 mg/l (4 h)

Method: OECD 403

Based on available data, the classification criteria are not met.

n-butyl acetate

oral, LD50, Rat: 10760 mg/kg

Method: OECD 423

dermal, LD50, Rabbit: > 14112 mg/kg

Method: OECD 402

inhalative (vapours), LC50, Rat: 23,4 mg/l (4 h)

Method: OECD 403

Based on available data, the classification criteria are not met.

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

oral, LD50, Rat: > 5000 mg/kg

Method: OECD 401

dermal, LD50, Rabbit: > 5000 mg/kg

Method: OECD 402

inhalative (vapours), LC50, Rat: > 5000 mg/l (4 h)

Method: OECD 403

Based on available data, the classification criteria are not met.

1,3-dioxolane

oral, LD50, Rat: > 2000 mg/kg

Based on available data, the classification criteria are not met.

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
Print date: 09.07.2019
Version: 1.20

Stain Remover
Revision date: 02.07.2019
Issue date: 02.07.2019

53361 EN
Page 7 / 10

Skin corrosion/irritation; Serious eye damage/eye irritation

Causes serious eye irritation.

1,3-dioxolane
Skin (4 h)
eyes

Causes serious eye irritation.

Respiratory or skin sensitisation

1,3-dioxolane
Skin:
not sensitising.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Based on available data, the classification criteria are not met.

STOT-single exposure; STOT-repeated exposure

May cause drowsiness or dizziness.

n-butyl acetate
Specific target organ toxicity (single exposure), drowsiness
May cause drowsiness or dizziness.

Aspiration hazard

May be fatal if swallowed and enters airways.

White mineral oil (petroleum)
Aspiration hazard
May be fatal if swallowed and enters airways.

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics
Aspiration hazard
May be fatal if swallowed and enters airways.

Practical experience/human evidence

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

SECTION 12: Ecological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
Do not allow to enter into surface water or drains.

12.1. Toxicity

n-butyl acetate
Fish toxicity, LC50, Pimephales promelas (fathead minnow): 18 mg/l (96 h)
Method: OECD 203
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 44 mg/l (48 h)
Method: OECD 202
Algae toxicity, EC50, Desmodesmus subspicatus.: 397 mg/l (72 h)
Method: OECD 201
Based on available data, the classification criteria are not met.

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics
Fish toxicity, LC50, Oncorhynchus mykiss (Rainbow trout): 1000 mg/l (96 h)
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 1000 mg/l (48 h)
Algae toxicity, ErC50, Pseudokirchneriella subcapitata: 1000 mg/l (72 h)
Based on available data, the classification criteria are not met.

1,3-dioxolane
Fish toxicity, LC50, fish: 95,4 mg/l (96 h)

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
Print date: 09.07.2019
Version: 1.20

Stain Remover
Revision date: 02.07.2019
Issue date: 02.07.2019

53361 EN
Page 8 / 10

Daphnia toxicity, EC50, Daphnia magna (Big water flea): 772 mg/l (48 h)
Algae toxicity, ErC50, Algae: 877 mg/l (72 h)
Based on available data, the classification criteria are not met.

Long-term Ecotoxicity

1,3-dioxolane
Fish toxicity, NOEC, fish: 546,3 mg/l
Daphnia toxicity, NOEC, Daphnia magna (Big water flea): 197,4 mg/l
Algae toxicity, NOEC, Algae: 877 mg/l
Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

White mineral oil (petroleum)
Biodegradation: < 60 % (28 D)
Readily biodegradable (according to OECD criteria).

n-butyl acetate
Biodegradation, aerobic: 83 % (28 D)
Method: OECD 301D
Readily biodegradable (according to OECD criteria).

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics
Biodegradation: 31,3 % (28 D)
Readily biodegradable (according to OECD criteria).

12.3. Bioaccumulative potential

White mineral oil (petroleum)
Partition coefficient: n-octanol/water: > 3,5

n-butyl acetate
Partition coefficient: n-octanol/water: 2,3
Method: OECD 117

1,3-dioxolane
Partition coefficient: n-octanol/water: -0,37

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

080111* Waste paint and varnish containing organic solvents or other dangerous substances

*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

Appropriate disposal / Package Recommendation

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1. UN number

UN 1993

14.2. UN proper shipping name

Land transport (ADR/RID):

Flammable liquid, n.o.s.
(DIOXOLANE)

Sea transport (IMDG):

FLAMMABLE LIQUID, N.O.S.

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
 Print date: 09.07.2019
 Version: 1.20

Stain Remover
 Revision date: 02.07.2019
 Issue date: 02.07.2019

53361 EN
 Page 9 / 10

- Air transport (ICAO-TI / IATA-DGR): (DIOXOLANE)
 Flammable liquid, n.o.s.
 (DIOXOLANE)
- 14.3. **Transport hazard class(es)** 3
- 14.4. **Packing group** II
- 14.5. **Environmental hazards**
 Land transport (ADR/RID) No further relevant information available.
 Marine pollutant No further relevant information available.
- 14.6. **Special precautions for user**
 Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
 Advices on safe handling: see parts 6 - 8
- Further information**
- Land transport (ADR/RID)**
 tunnel restriction code D/E
 SPECIAL PROVISIONS 640D
- Sea transport (IMDG)**
 EmS-No. F-E, S-E
- 14.7. **Transport in bulk according to Annex II of Marpol and the IBC Code**
 not applicable

SECTION 15: Regulatory information

15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU legislation

Directive 2010/75/EU on industrial emissions

VOC-value (in g/L): 539,536

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
 Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

15.2. **Chemical Safety Assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

EC No. CAS No.	Designation	REACH No.
232-455-8 8042-47-5	White mineral oil (petroleum)	01-2119487078-27-xxxx
204-658-1 123-86-4	n-butyl acetate	01-2119485493-29-xxxx
211-463-5 646-06-0	1,3-dioxolane	01-2119490744-29-xxxx
920-901-0	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	01-2119456810-40-xxxx

SECTION 16: Other information

Full text of classification in section 3

Asp. Tox. 1 / H304	Aspiration hazard	May be fatal if swallowed and enters airways.
Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapour.
STOT SE 3 / H336	STOT-single exposure	May cause drowsiness or dizziness.
Flam. Liq. 2 / H225	Flammable liquids	Highly flammable liquid and vapour.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.

Classification procedure

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 501000
Print date: 09.07.2019
Version: 1.20

Stain Remover
Revision date: 02.07.2019
Issue date: 02.07.2019

53361 EN
Page 10 / 10

Flam. Liq. 2	Flammable liquids	On basis of test data.
Eye Irrit. 2	Serious eye damage/eye irritation	Calculation method.
STOT SE 3	STOT-single exposure	Calculation method.
Asp. Tox. 1	Aspiration hazard	Calculation method.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

* Data changed compared with the previous version