

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.06.2021

Version: 5

Revision: 08.06.2021

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

· **1.1 Product identifier**

· **Trade name:** Mykal Graffiti Remover Wipes

· **Article number:** 10980001

· **UFI:** H23X-XME3-P01K-GT7R

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

· **Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU21 Consumer uses: Private households / general public / consumers

· **Product category** PC35 Washing and cleaning products (including solvent based products)

· **Environmental release category** ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

· **Technical function** Cleaning agent

· **Application of the substance / the mixture** Graffiti remover

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

· **Manufacturer/Supplier:**

Manufacturer:

ZEP UK Ltd
Tanhouse Lane
Widnes Cheshire, WA8 0RD
United Kingdom
Tel: +44 (0)151 422 1000
Fax: +44 (0)151 422 1011
@: info@zep.co.uk
web: www.zep.co.uk

Distributed in EU by:

ZEP Industries BV
Vierlinghweg 30
4612 PN Bergen op Zoom
The Netherlands
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Piazzale Luigi Cadorna, 2 - Milano - (MI)
20123 Milano (MI) - Italy;
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Distributed in the UK by:

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 Tanhouse Lane
 Widnes Cheshire, WA8 0RD
 United Kingdom
 Tel: +44 (0)151 422 1000
 Fax: +44 (0)151 422 1011
 @: info@zep.co.uk
 web: www.zep.co.uk

· **Further information obtainable from:**

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

B: Tel: +32 2 347 0117 Fax: +32 2 347 1395

IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

· **1.4 Emergency telephone number:**

NHS +44 0845 46 47 (England or Wales); +44 08454 24 24 24 (Scotland)

emergency number (europe): 112

SECTION 2: Hazards identification

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

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

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

STOT SE 3 H336 May cause drowsiness or dizziness.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS05

GHS07

· **Signal word** Danger

· **Hazard-determining components of labelling:**

 γ -butyrolactone

1-methoxy-2-propanol

Alcohols, C9-11, ethoxylated

· **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

· **Precautionary statements**

P261 Avoid breathing fume.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

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· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 5131-66-8 EINECS: 225-878-4 Index number: 603-052-00-8 Reg.nr.: 01-2119475527-28-xxxx	1-butoxypropan-2-ol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	25-50%
EC number: 926-141-6 Reg.nr.: 01-2119456620-43	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Asp. Tox. 1, H304	10-25%
CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3 Reg.nr.: 01-2119457435-35-xxxx	1-methoxy-2-propanol ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	10-25%
CAS: 96-48-0 EINECS: 202-509-5 Reg.nr.: 01-2119471839-21-XXXX	γ-butyrolactone ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302; STOT SE 3, H336	10-25%
CAS: 68439-46-3 EC number: 614-482-0	Alcohols, C9-11, ethoxylated ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302	≥3-≤5%

· Additional information:

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

Aliphatic hydrocarbons	≥15 - <30%
Nonionic surfactants	<5%

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately rinse with water.

If skin irritation continues, consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

· **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:** Use fire extinguishing methods suitable to surrounding conditions.

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

· 5.3 Advice for firefighters

· Protective equipment:

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

Wear fully protective suit.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Remove persons from danger area.

Wear protective equipment. Keep unprotected persons away.

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· **6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Keep contaminated washing water and dispose of appropriately.

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

Absorb with liquid-binding material (sand, diatomite, universal binders).
Use neutralising agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· **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**

Store in cool, dry place in tightly closed receptacles.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

· **Information about fire - and explosion protection:** No special measures required.

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

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Keep receptacle tightly sealed.

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

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Additional information about design of technical facilities:** No further data; see item 7.

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

CAS: 107-98-2 1-methoxy-2-propanol

WEL (Great Britain)	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm Sk
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IOELV (European Union)	Short-term value: 568 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm Skin
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· **DNELs**

CAS: 5131-66-8 1-butoxypropan-2-ol

Oral	DNEL Long term-systemic	8.75 mg/kg human/day (consumer)
Dermal	DNEL Acute-systemic	44 mg/kg human/day (consumer)
	DNEL Long term-systemic	16 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic	16 mg/kg human/day (consumer)
	DNEL Acute-systemic	44 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic mg/m ³	33.8 mg/m ³ (consumer)
	DNEL Acute-systemic mg/m ³	270.5 mg/m ³ (worker)

CAS: 107-98-2 1-methoxy-2-propanol

Oral	DNEL Long term-systemic	3.3 mg/kg human/day (consumer)
Dermal	DNEL Long term-systemic	18.1 mg/kg human/day (consumer)
		50.6 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic mg/m ³	43.9 mg/m ³ (consumer)

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		369 mg/m ³ (worker)
	DNEL Acute-local mg/m ³	553.5 mg/m ³ (worker)
CAS: 96-48-0 γ-butyrolactone		
Dermal	DNEL Long term-systemic	19 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic mg/m ³	130 mg/m ³ (worker)
	DNEL Acute-systemic mg/m ³	958 mg/m ³ (worker)
· PNECs		
CAS: 5131-66-8 1-butoxypropan-2-ol		
PNEC Freshwater mg/L		0.525 mg/L
PNEC Marinewater mg/L		0.0525 mg/L
PNEC Freshwater sediment		2.36 mg/Kg
PNEC Marine water sediment		0.236 mg/Kg
PNEC Intermittent release		5.25 (mg/l)
PNEC Soil		0.16 mg/Kg
PNEC Sewage treatment Plant mg/L		10 mg/L
CAS: 107-98-2 1-methoxy-2-propanol		
PNEC Freshwater mg/L		10 mg/L
PNEC Freshwater sediment		41.6 mg/Kg
PNEC Marine water sediment		4.17 mg/Kg
PNEC Soil		2.47 mg/Kg
PNEC Sewage treatment Plant mg/L		100 mg/L
CAS: 96-48-0 γ-butyrolactone		
PNEC Freshwater mg/L		0.056 mg/L (-)
PNEC Marinewater mg/L		0.0056 mg/L (-)
PNEC Freshwater sediment		0.24 mg/Kg (-)
PNEC Marine water sediment		0.02 mg/Kg (-)
PNEC Intermittent release		0.56 (-)
PNEC Soil		0.014683 mg/Kg (-)
PNEC Sewage treatment Plant mg/L		452 mg/L (-)

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

· 8.2 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

Do not carry product impregnated cleaning cloths in trouser pockets.

Immediately remove all soiled and contaminated clothing

Do not inhale dust / smoke / mist.

Avoid contact with the skin.

Do not eat, drink, smoke or sniff while working.

· Protection of hands:



Protective gloves

· Material of gloves

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

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

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.

· Not suitable are gloves made of the following materials: Strong material gloves

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· Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Liquid on inert carrier material
Colour:	Colourless
Odour:	Solvent-like
Odour threshold:	Not determined.

· Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

· Flash point: Not applicable.

· Flammability (solid, gas): Not applicable.

· Ignition temperature: 230 °C

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.
Not determined.

· Explosion limits:

Lower:	0.6 Vol %
Upper:	20 Vol %

· Vapour pressure at 20 °C: 11.6 hPa

· Density: Not determined.

· Relative density: Not determined.

· Vapour density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with water:

Insoluble.

· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

· Solvent content:

Organic solvents:	44.0 %
Swiss VOC:	76.60 %

Solids content: 0.0 %

· 9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity: No further relevant information available.

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- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral	LD50	10,256 mg/kg (Rat)
Dermal	LD50	9,914 mg/kg

CAS: 5131-66-8 1-butoxypropan-2-ol

Oral	LD50	3,300 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
	EC 50 / 96 h (static)	>1,000 mg/ltr (Selenastrum capricornutum (Algae))

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	LD50	>5,000 mg/kg (Rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (Rabbit) (OECD 402 (24 h))
Inhalative	LC50/ 8 h	>5,000 mg/m3 (Rat) (OECD 403)

CAS: 107-98-2 1-methoxy-2-propanol

Oral	LD50	4,016 mg/kg (Rat)
Dermal	LD50	2,000 mg/kg (Rabbit)
Inhalative	LC50 / 4 h	27,596 mg/l (Rat)

CAS: 96-48-0 γ -butyrolactone

Oral	LD50	1,582 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (gui)

CAS: 68439-46-3 Alcohols, C9-11, ethoxylated

Oral	LD50	500 mg/kg (Rat)
Dermal	LD50	2,000 mg/kg (Rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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**
May cause drowsiness or dizziness.
- **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.

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SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

CAS: 5131-66-8 1-butoxypropan-2-ol

LC50 / 96 h (static) 560-1,000 mg/ltr (fish) (*Poecilia reticulata*)

EC 50 / 48 h (static) >1,000 mg/ltr (*Daphnia magna* (water flea))

OECD test 301 E 90 (biodegradation in % after 28 days)

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

EL50 (48 h) >1,000 mg/l (*Daphnia magna* (water flea)) (OECD 202)

OECD test 301 F 69 % (biodegradation in % after 28 days)
Readily Biodegradable

CAS: 107-98-2 1-methoxy-2-propanol

LC50 / 96 h (static) 6,812 mg/ltr (*Leuciscus idus*)

EC 50 / 48 h (static) 23,300 mg/ltr (*Daphnia magna* (water flea))

CAS: 96-48-0 γ -butyrolactone

LC50 / 96 h 56 mg/ltr (*Lepomis Macrochirus* (Bluegill Sunfish))

EC 50 / 48 h >500 mg/ltr (*Daphnia magna* (water flea))

EC 50 / 72 H >1,000 (*Selenastrum capricornutum* (Algae))

CAS: 68439-46-3 Alcohols, C9-11, ethoxylated

LC50 / 96 h 5-7 mg/ltr (fish)

EC 50 / 48 h 2.5 mg/ltr (*Daphnia magna* (water flea))

EC 50 / 72 H 1.4 /mg/l (*Selenastrum capricornutum* (Algae))

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· Additional ecological information:

· General notes:

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

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

· 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

· European waste catalogue

HP4 Irritant - skin irritation and eye damage

· Uncleaned packaging:

· **Recommendation:** Disposal in accordance with administrative provisions

SECTION 14: Transport information

· 14.1 UN-Number

· **ADR, ADN, IMDG, IATA**

Void

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· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

Reg. (EC) n. 1272/2008 - CLP;

Reg. (EC) n. 2015/830 annex II of REACH;

Dir. 06/08 ADR – RID - IMDG - IATA;

Dir. 12/18 (Seveso III);

Dir. 2008/98/CE and Reg. (EC) n.1357/2014 (Waste management)

· **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.

· Hazard pictograms



GHS05

GHS07

· **Signal word** Danger

· Hazard-determining components of labelling:

γ-butyrolactone

1-methoxy-2-propanol

Alcohols, C9-11, ethoxylated

· Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

· Precautionary statements

P261 Avoid breathing fume.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Directive 2012/18/EU

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

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· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **National regulations:**

· **Technical instructions (air):**

Class	Share in %
NK	44.0

· **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

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**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

· **Classification according to Regulation (EC) No 1272/2008 Calculation method**

· **Department issuing SDS:**

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

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IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

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· **Contact:**

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· **Abbreviations and acronyms:**

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

WELL: The highest acceptable concentration

IOELV: Indicative occupational exposure limit values

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

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 SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

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

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Annex: Exposure scenario

- **Short title of the exposure scenario** For the finished product.
- **Sector of Use**
 SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
 SU21 Consumer uses: Private households / general public / consumers
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **Environmental release category** ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
- **Technical function** Cleaning agent
- **Description of the activities / processes covered in the Exposure Scenario** See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Solid
- **Concentration of the substance in the mixture** The substance is main component.
- **Used amount per time or activity**
 According to directions for use.
 Smaller than 10 g per application.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** Use only on hard ground.
- **Other operational conditions affecting worker exposure**
 Avoid contact with the skin.
 Avoid long-term or repeated skin contact.
 Avoid contact with eyes.
- **Other operational conditions affecting consumer exposure** No special measures required.
- **Other operational conditions affecting consumer exposure during the use of the product** Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures**
 Use product only in enclosed systems.
 Ensure that suitable extractors are available on processing machines
- **Personal protective measures**
 Do not inhale dust / smoke / mist.
 Avoid contact with the skin.
 Protective gloves
 Avoid contact with the eyes.
 Tightly sealed goggles
 Do not inhale gases / fumes / aerosols.
- **Measures for consumer protection** Ensure adequate labelling.
- **Environmental protection measures**
- **Water**
 Do not allow to reach sewage system.
 Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required.
- **Soil** Prevent contamination of soil.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer**
 Not relevant for this Exposure Scenario.
 The highest oral exposure to be expected for consumers is **mg / kg / day**.
 The highest dermal exposure to be expected for consumers is **mg / kg / day**.
 The highest inhalative exposure to be expected for consumers is **ppm**.
- **Guidance for downstream users** No further relevant information available.