

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 1 / 15

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

1.1 Product identifier

Polarshine Polishing Compound C20
UFI: 7NHS-EQGE-U20H-P7D5

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

1.2.1 Relevant uses

Polishing agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Mirka (UK) Ltd
Saxon House, Shirwell Crescent, Furzton Lake
MK4 1GA Milton Keynes / GREAT BRITAIN
Phone +44 (0)1908 866100
Homepage www.mirka.com
E-mail sales@mirka.com

Address enquiries to

Technical information

sales@mirka.com

Safety Data Sheet

sdb@chemiebuero.de (No dispatch of safety data sheets)
Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body

For Chemical Emergency: spill, leak, fire, exposure or accident call CHEMTREC day or night:
Within USA and Canada: +1 800 424 9300; Outside USA and Canada: +1 703 527 3887
(collect calls accepted)
CHEMTREC UK: +(44)-870-8200418 (English)
CHEMTREC Ireland (Dublin): +(353)-19014670 (English, Irish Gaelic)
Multilingual response for emergency calls only. Non-emergency calls cannot be serviced at these numbers.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

Eye Irrit. 2: H319 Causes serious eye irritation.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

Hazard pictograms



Signal word

WARNING

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
P280 Wear 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.
P337+P313 If eye irritation persists: Get medical advice / attention.

Special labelling

EUH066 Repeated exposure may cause skin dryness or cracking.
Contains: 1,2-benzisothiazol-3(2H)-one. EUH208 May produce an allergic reaction.

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 2 / 15

2.3 Other hazards

Human health dangers	Frequent persistent contact with the skin can cause skin irritation. The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Environmental hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Other hazards	Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
25 - 50	Aluminium oxide CAS: 1344-28-1, EINECS/ELINCS: 215-691-6
10 - 25	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX GHS/CLP: Asp. Tox. 1: H304 - EUH066
2.5 - 10	Alcohols, C16-18, ethoxylated CAS: 68439-49-6, EINECS/ELINCS: 500-212-8 GHS/CLP: Aquatic Acute 1: H400 - Aquatic Chronic 3: H412, M-Factor (acute): 1
2.5 - 10	Distillates (petroleum), solvent-refined light paraffinic CAS: 64741-89-5, EINECS/ELINCS: 265-091-3, EU-INDEX: 649-455-00-2 GHS/CLP: Asp. Tox. 1: H304
1 - < 2.5	Alcohols, C16-18, ethoxylated (>= 2,5 mol EO) CAS: 68439-49-6, EINECS/ELINCS: Polymer GHS/CLP: Acute Tox. 4: H302 - Eye Dam. 1: H318
0.25 - < 2.5	Alcohols, C16-18, ethoxylated (>= 2,5 mol EO) CAS: 68439-49-6, EINECS/ELINCS: Polymer GHS/CLP: Aquatic Acute 1: H400 - Aquatic Chronic 3: H412
0.025 - < 0.25	2-Bromo-2-nitropropane-1,3-diol CAS: 52-51-7, EINECS/ELINCS: 200-143-0, EU-INDEX: 603-085-00-8 GHS/CLP: Acute Tox. 4: H302 H312 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - STOT SE 3: H335 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M-Factor (acute): 10, M-Factor (chronic): 1
0.005 - < 0.05	1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6, Reg-No.: 01-2120761540-60-XXXX GHS/CLP: Acute Tox. 4: H302 - Acute Tox. 2: H330 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411, M-Factor (acute): 1 SCL [%]: 0.05: Skin Sens. 1: H317

Comment on component parts

contains less than 3% w/w DMSO-extract
Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 3 / 15

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Take off contaminated clothing and wash before reuse.
Inhalation	Ensure supply of fresh air.
Skin contact	When in contact with the skin, clean with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Get medical advice. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Foam, dry powder, water spray jet, carbon dioxide
Extinguishing media that must not be used	Full water jet

5.2 Special hazards arising from the substance or mixture

Not combusted hydrocarbons.
Risk of formation of toxic pyrolysis products.
Nitrogen oxides (NO_x).
Not combusted hydrocarbons.

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Collect contaminated firefighting water separately, must not be discharged into the drains.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
High risk of slipping due to leakage/spillage of product.
Wear suitable protective equipment. For personal protection see SECTION 8.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 7+8+13

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 4 / 15

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Avoid spilling in enclosed areas.
Use solvent-resistant equipment.
During mechanical processing vacuuming at processing machines is necessary.
Avoid contact with eyes and skin. Use personal protective equipment.
Keep away from all sources of ignition - Refrain from smoking.
Do not eat, drink or smoke when using this product.
Wash hands before breaks and after work.
Use barrier skin cream.
Contaminated work clothing should not be allowed out of the workplace.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.
Prevent penetration into the ground.
Do not store together with oxidizing agents.
Protect from heat/overheating.
Keep container in a well-ventilated place.
Keep container tightly closed.
Recommended storage temperature: 5°C - 30°C

7.3 Specific end use(s)

See product use, SECTION 1.2

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 5 / 15

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX
Long-term exposure: 184 ppm, 1200 mg/m ³ , ExxonMobil
Glycerol
CAS: 56-81-5, EINECS/ELINCS: 200-289-5
Long-term exposure: 10 mg/m ³
Aluminium oxide
CAS: 1344-28-1, EINECS/ELINCS: 215-691-6
Long-term exposure: 10 mg/m ³ , inhalable dust (respirable dust: 4 mg/m ³)

DNEL

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
There are no DNEL values established for the substance.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Industrial, dermal, Long-term - systemic effects, 0.966 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 6.81 mg/m ³
general population, dermal, Long-term - systemic effects, 0.345 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 1.2 mg/m ³

PNEC

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
There are no PNEC values established for the substance.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
soil, 3 mg/kg soil dw
sediment (seawater), 4.99 µg/kg sediment dw
sediment (freshwater), 49.9 µg/kg sediment dw
sewage treatment plants (STP), 1.03 mg/L
seawater, 0.403 µg/L
freshwater, 4.03 µg/L

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 6 / 15

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	safety glasses (EN 166:2001)
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. >= 0.45 mm: Nitrile rubber, >480 min (EN 374-1/-2/-3).
Skin protection	Protective clothing (EN 340)
Other	Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin.
Respiratory protection	Not required under normal conditions.
Thermal hazards	not applicable
Delimitation and monitoring of the environmental exposition	Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Form	pasty
Color	white
Odor	fruity
Odour threshold	No information available.
pH-value	7 - 10 (20°C / 68°F)
pH-value [1%]	No information available.
Boiling point [°C]	> 100°C />212°F
Flash point [°C]	> 100°C />212°F
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	0.6 Vol. %
Upper explosion limit	8 Vol. %
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	2.3 (17.3 mm Hg)(20°C / 68°F)
Density [g/cm³]	1.4 (11.683 lbs/gal)(20°C / 68°F)
Relative density	No information available.
Bulk density [kg/m³]	not applicable
Solubility in water	partially miscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	No information available.
Kinematic viscosity	> 20.5 mm²/s (40°C / 104°F)
Relative vapour density	No information available.
Evaporation speed	No information available.
Melting point [°C]	No information available.
Auto-ignition temperature	not self-igniting
Decomposition temperature [°C]	No information available.
Particle characteristics	No information available.

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 7 / 15

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

See SECTION 10.3.

10.6 Hazardous decomposition products

No decomposition if used and stored according to specifications.
In the event of fire: See SECTION 5.

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 8 / 15

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

Product
Based on the available information, the classification criteria are not fulfilled.
Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LD50, oral, Rat, 5000 - 15000 mg/kg bw
Alcohols, C16-18, ethoxylated ($\geq 2,5$ mol EO), CAS: 68439-49-6
LD50, oral, Rat, > 300 - 2000 mg/kg
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
ATE, oral, 500 mg/kg
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
LD50, oral, Rat, 305 - 325 mg/kg (ECHA)
Alcohols, C16-18, ethoxylated ($\geq 2,5$ mol EO), CAS: 68439-49-6
LD50, oral, Rat, > 2000 - 5000 mg/kg

Acute dermal toxicity

Product
Based on the available information, the classification criteria are not fulfilled.
Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LD50, dermal, Rabbit, 3160 - 5000 mg/kg bw
LD50, dermal, Rat, >2000 mg/kg bw
Alcohols, C16-18, ethoxylated ($\geq 2,5$ mol EO), CAS: 68439-49-6
LD50, dermal, Rabbit, > 2000 mg/kg
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, dermal, Rat, > 2000 mg/kg
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
LD50, dermal, 1600 mg/kg
Alcohols, C16-18, ethoxylated ($\geq 2,5$ mol EO), CAS: 68439-49-6
LD50, dermal, Rabbit, > 2000 mg/kg

Acute inhalational toxicity

Product
Based on the available information, the classification criteria are not fulfilled.
Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LC50, inhalative, Rat, 4.951 - 9.3 mg/L air, 4h
LC50, inhalative, Rat, 41 - 4467 ppm, 8h
LC50, inhalative, Rat, 5 mg/L air, 8h
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
ATE-mix, inhalative, 0.5 mg/l 4h
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 9 / 15

The effects observed are not sufficient for classification.

Serious eye damage/irritation Irritant
Calculation method

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

Eye, Causes serious eye damage.

Skin corrosion/irritation Based on the available information, the classification criteria are not fulfilled.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

dermal, irritant

Respiratory or skin sensitisation Based on the available information, the classification criteria are not fulfilled.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

dermal, sensitising

Specific target organ toxicity — single exposure Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are not fulfilled.

Substance

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

NOAEL, dermal, Rabbit, 2000 mg/kg bw/day

NOAEL, oral, Rat, 500 mg/kg bw/day

NOAEC, inhalative, mouse, 11600 mg/m³

NOAEC, inhalative, Rat, 6000 mg/m³

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

NOAEL, oral, Rat, 69 mg/kg bw/day (subchronic), The effects observed are not sufficient for classification.

Mutagenicity Based on the available information, the classification criteria are not fulfilled.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

in vivo, negativ

in vitro, negativ

Reproduction toxicity Based on the available information, the classification criteria are not fulfilled.

Substance

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

NOAEC, inhalative, Rat, 5220 mg/m³

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

NOAEL, oral, Rat, 112 mg/kg bw/day (subchronic), adverse effect observed, Effect on fertility,

Carcinogenicity Based on the available information, the classification criteria are not fulfilled.

Aspiration hazard Based on the available information, the classification criteria are not fulfilled.

General remarks

Toxicological data of complete product are not available.
The toxicity data listed pertaining to the ingredients are intended for those working in the

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 10 / 15

medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

11.2 Information on other hazards

Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other information

none

SECTION 12: Ecological information

12.1 Toxicity

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
EL50, (72h), Algae, 1 g/L
NOELR, (72h), Algae, 1 g/L
NOELR, (28d), fish, 101 µg/L
NOELR, (21d), Invertebrates, 176 µg/L
LL50, (72h), Invertebrates, 1 g/L
LL50, (96h), fish, 1 g/L
LL50, (72h), fish, 1 g/L
LL50, (48h), fish, 1 g/L
LL50, (24h), fish, 1 g/L
LL50, (24h), Invertebrates, 1 g/L
LL50, (96h), Invertebrates, 1 g/L
LL50, (48h), Invertebrates, 1 g/L
LL0, (24h), Invertebrates, 1 g/L
LL0, (96h), fish, 1 g/L
Alcohols, C16-18, ethoxylated ($\geq 2,5$ mol EO), CAS: 68439-49-6
LC50, (96h), Brachidanio rerio, > 1 - 10 mg/L
EC10, (48h), Daphnia magna, > 1 - 10 mg/L
EC10, (72h), Algae, 9.5 mg/L
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), Oncorhynchus mykiss, 2.2 mg/L
EC50, (48h), Daphnia magna, 0.643 mg/L
EC50, (72h), Selenastrum capricornutum, 0.11 mg/L
NOEC, (28d), Oncorhynchus mykiss, 0.21 mg/L
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
LC50, (96h), Oncorhynchus mykiss, 41.2 mg/L
EC50, (48h), Daphnia magna, 1.4 mg/L
EC50, Activated sludge, 43 mg/L/150 min
NOEC, (72h), Skeletonema costatum, 0.08 mg/L
Erl50, (72h), Skeletonema costatum, 0.25 mg/L
Alcohols, C16-18, ethoxylated ($\geq 2,5$ mol EO), CAS: 68439-49-6
LC50, (96h), fish, > 1 - 10 mg/l
EC50, Activated sludge, 140 mg/l
EC50, (72h), Algae, > 0.1 - 1 mg/l

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 11 / 15

12.2 Persistence and degradability

Behaviour in environment compartments	No information available.
Behaviour in sewage plant	No information available.
Biological degradability	CAS 68439-49-6: > 60 %

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Ecological data of complete product are not available.
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.

Waste no. (recommended)

120121

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended)

150102
150104

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 12 / 15

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 13 / 15

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2022)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for young people.
- VOC (2010/75/CE)	12,3 %

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H411 Toxic to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H330 Fatal if inhaled.
H410 Very toxic to aquatic life with long lasting effects.
H335 May cause respiratory irritation.
H315 Causes skin irritation.
H302+H312 Harmful if swallowed or in contact with skin.

H318 Causes serious eye damage.
H302 Harmful if swallowed.
H412 Harmful to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.
EUH066 Repeated exposure may cause skin dryness or cracking.
H304 May be fatal if swallowed and enters airways.

Mirka (UK) Ltd
MK4 1GA Milton Keynes

Date printed 08.12.2022, Revision 08.12.2022

Version 04. Supersedes version: 03

Page 14 / 15

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV@TWA = Threshold limit value – time-weighted average
TLV@STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)

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Version 04. Supersedes version: 03

Page 15 / 15

Modified position

SECTION 2 been added: P102 Keep out of reach of children.

SECTION 2 been added: P101 If medical advice is needed, have product container or label at hand.

SECTION 2 been added: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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SECTION 2 been added: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 2 been added: EUH208 May produce an allergic reaction.

SECTION 2 deleted: P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

SECTION 2 deleted: P102 Keep out of reach of children.

SECTION 3 been added: contains less than 3% w/w DMSO-extract

SECTION 12 been added: Spillages may penetrate the soil causing ground water contamination.

SECTION 12 been added: Based on all available information not to be classified as PBT or vPvB respectively.



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