

Safety Data Sheet for not dangerous mixtures according to 830/2015 EU Regulation

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers: KAQ AQUACOLOR

Type of substance: CLP Mixture

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

Water-based metallic acrylic paint

1.3 Details of the supplier of the safety data sheet:

Stamperia International kft.

1071 Budapest, Városligeti fasor 47-49.

tel.: +36-1-269-8366

e-mail: purchase@stamperiakft.com

For product safety information please contact: purchase@stamperiakft.com

1.4 Emergency telephone number:

Egészségügyi Toxikológiai Tájékoztató Szolgálat

Address: 1071 Budapest, Városligeti fasor 47-49.

tel.: +36-1-269-8366

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008

This product is not classified according to (EC) Regulation No 1272/2008.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008

KAQ AQUACOLOR

This product is not classified according to (EC) Regulation No 1272/2008.

Additional labelling:

EUH208: Contains BIT, C(M)IT-MIT May cause an allergic reaction.

2.3 Other hazards:

It does not contain PBT/vPvB materials,

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

The details below includes all impurities and by-products that contribute to the product classification or that have an occupational exposure limits.

Substances with occupational exposure limit values: Silicium-dioxide
concentration: 10-15%

EC-No.: 231-545-4

CAS-No.: 7631-86-9

Classification according to Regulation (EC) No 1272/2008: --

Hazardous Substance(s): diethylene glycol monobutyl ether, DEGBE
concentration: < 3%

EC-No.: 203-961-6

CAS-No.: 112-34-5

Index-No. : 603-096-00-8

Classification according to Regulation (EC) No 1272/2008 : Eye Irrit. 2 H319

Registration number : 01-2119475104-44-0006, 01-2119475104-44-xxxx

Substance with biological exposure limit: Dicobalt trioxide
concentration: 1-2%
EC-No.: 215-156-7
CAS-No.: 1308-04-9
Classification according to Regulation (EC) No 1272/2008: --

Substance with Community workplace exposure limit: Tin dioxide (C.I. 77861)
concentration: < 1%
EC-No.: 242-159-0
CAS-No.: 18282-10-5
Classification according to Regulation (EC) No 1272/2008: --

Substance(s) with occupational exposure limits: ammonia ...%
concentration: < 0,1%
EC-No.: 215-647-6
CAS-No.: 1336-21-6
Index-No. : 007-001-01-2
Classification according to Regulation (EC) No 1272/2008 : Skin Corr. 1B H314, STOT SE 3 H335, Aquatic Acute 1 H400, Aquatic Chronic 3 H412 (SCL: STOT SE 3: H335: c >= 5% (Note B)

Hazardous Substance(s): 1,2-benzisothiazol-3(2H)-one (BIT)
concentration: < 0,05 %
EC-No.: 220-120-9
CAS-No.: 2634-33-5
Index-No.: 613-088-00-6
Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 4 H302, Acute Tox. inhal. 2 H330, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 2 H411 (SCL: Skin Sens 1 H317: c ≥ 0,05 %)

Hazardous Substance(s): Zinc pyrithione
concentration: < 0,02%
EC-No.: 236-671-3
CAS-No.: 13463-41-7
Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 3 H301, Acute Tox. inhal. 4 H332, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)
Registration number 01-2119511196-46-xxxx (as biocid is free)

Hazardous Substance(s): Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) C(M)IT-MIT (Substance with a trigger limit) C(M)IT-MIT
concentration: < 0,0015%
EC-No.: - (mixture)
CAS-No.: 55965-84-9
ECHA-No.: 611-341-5
Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 3(*) H301, Acute Tox. dermal 3(*) H311, Acute Tox. inhal. 3(*) H331, Skin Corr. 1B H314, Skin Sens. 1A H317, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M = 100), Aquatic Chronic 1 H410 (M=100) (SCL: Skin Corr. 1B H314: c ≥ 0,6 %, Skin Irrit. 2 H315: 0,06 % ≤ c < 0,6 %, Eye Irrit. 2 H319: 0,06 % ≤ c < 0,6 %, Skin Sens. 1 H317: c ≥ 0,0015 %)

Note B: Certain substances (acids, alkalis, etc.) are in the form of aqueous solutions of different concentrations and should therefore be labeled differently as the degree of danger varies depending on the concentration. The items supplemented with Note B has a general description : ... % nitric acid. In this case, the supplier of the substance must indicate the concentration of the solution on the label. Unless otherwise stated, it is to be assumed that the percentage concentration is expressed as a percentage by weight.
(*) minimum classification for a category

Refer to Section 16 for full details of hazard statements and Notas.

SECTION 4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures:

General:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:

The nature of the product does not cause any significant exposure. Keep patient calm, remove to fresh air, seek medical attention.

Eye contact:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Skin contact:

Wash thoroughly with soap and water.

Ingestion:

The nature of the product does not cause any significant exposure. Rinse mouth. When symptoms persist, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

In normal use not expected to be a significant effect. For information on the components, see Section 11.

4.3 Indication of immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water spray, dry powder, foam, carbon dioxide

Not to be used : Not known.

5.2 Special hazards arising from the substance or mixture

Hazardous vapors, gases

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

Use fine water spray to cool endangered containers. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Remove the unauthorized persons. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Remove all sources of ignition. Provide adequate ventilation.

6.2 Environmental precautions

No special measures are required.

6.3 Methods and materials for containment and cleaning up

Small spills: Soak up with cloth. For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations. Wash the contaminated area with plenty of water.

6.4 Reference to other sections

Use personal protective equipment recommended in section 8.

For disposal see section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures are required.

Avoid contact with skin and eyes. Do not breathe powder. Provide adequate ventilation.

Do not eat, drink or smoke while working. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition and from incompatible materials.

7.3 Specific end uses

See section 1.2

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

CAS 112-34-5: 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether

TWA value 67.5 mg/m³ ; 10 ppm (OEL (EU)) indicative

STEL value 101.2 mg/m³ ; 15 ppm (OEL (EU)) indicative

CAS 7664-41-7 ammonia: 14 mg/m³ (8 hours), 36 mg/m³ (short-term)

Substances with occupational exposure limit values:

CAS 14808-60-7 Quartz, Siliciumdioxid, Silicon oxyde

Directive 2019/130/EU Binding occupational exposure limit value of the European Union 8 hours limit value: 0,1 mg/m³ Scope: Silica, crystalline, (respirable fraction)

Substance with biological exposure limit:

CAS 7440-48-4 Cobalt compounds, inorganic

TRGS 910

Substance-specific acceptances and tolerance concentrations

Acceptance concentration

Conc. (weight): 0,5 microg/m³ Alveolar fraction

Acceptance concentration associated with risk 4:10000

Tolerance concentration

Conc. (weight): 5 microg/m³ Alveolar fraction

Excursion factor: 8

Substance with Community workplace exposure limit:

CAS 18282-10-5 Tin(IV)-compounds, inorganic:

8 mg/m³ with reference to the inhalable fraction (AGS) calculated as tin. (TRGS 900) (permissible peak concentration)

Tin(IV)-compounds, inorganic: 2 mg/m³ with reference to the inhalable fraction (AGS) calculated als tin. (TRGS 900) (permissible average concentration)

DNEL

112-34-5: 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether

worker:

Long-term exposure - systemic and local effects, Inhalation: 67.5 mg/m³, 10 ppm

worker:

Long-term exposure- systemic effects, dermal: 20 mg/kg

consumer:

Short-term exposure - local effects, Inhalation: 50.6 mg/m³, 7.5 ppm

consumer:

Long-term exposure - systemic and local effects, Inhalation: 34 mg/m³, 5 ppm

consumer:

Long-term exposure- systemic effects, dermal: 10 mg/kg

consumer:

Long-term exposure- systemic effects, oral: 1.25 mg/kg

PNEC

freshwater: 1 mg/l

marine water: 0.1 mg/l

intermittent release: 3.9 mg/l

sediment (freshwater): 4 mg/kg

sediment (marine water): 0.4 mg/kg

STP: 200 mg/l

oral (secondary poisoning): 56 mg/kg

soil: 0.4 mg/kg

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Local or general extraction system is recommended in order to keep the exposure as low as possible. Safety shower, eyewash is recommended.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields according to EN 166.

Skin protection

Protective gloves according to EN 374. can be used, but in normal case it is not necessary.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

If local risk assessment requires, use protective equipment. (Chemical resistant gloves, overall or work clothes)

Body Protection

Protective clothing according to EN ISO 20345

Respiratory protection

Provide good ventilation of working area. Wear respiratory protection if ventilation is inadequate.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- (a) Appearance: viscous liquid, Colour: product-specific
- (b) Odour: characteristic
- (c) Odour threshold: not determined
- (d) pH: 7-8,5
- (e) Melting point/freezing point: not determined
- (f) Initial boiling point and boiling range: not determined
- (g) Flash point: not determined
- (h) Evaporation rate: not determined
- (i) Flammability (solid, gas): not applicable
- (j) Upper/lower flammability or explosive limits: not determined
- (k) Vapour pressure: not determined
- (l) Vapour density: not determined
- (m) Relative density: 1,0-1,2 g/cm³
- (n) Solubility(ies): soluble in water
- (o) Partition coefficient: n-octanol/water: not determined
- (p) Auto-ignition temperature: not determined
- (q) Decomposition temperature: not determined
- (r) Viscosity: not determined
- (s) Explosive properties: product is not explosive.
- (t) Oxidising properties. non-oxidizing

9.2. Other information

No data available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Under normal conditions is stable.

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction in normal use.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Hazardous vapors, gases

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

There are no data available on the preparation itself.

- (a) acute toxicity: Based on available data, the classification criteria are not met
 - (b) skin corrosion/irritation: Based on available data, the classification criteria are not met
 - (c) serious eye damage/irritation: Based on available data, the classification criteria are not met
 - (d) respiratory or skin sensitisation: Based on available data, the classification criteria are not met
- The product contains components classified as skin sensitization at concentrations above the triggering limit as indicated by the EUH208 phrases on the label.
- (e) germ cell mutagenicity: Based on available data, the classification criteria are not met
 - (f) carcinogenicity: Based on available data, the classification criteria are not met
 - (g) reproductive toxicity: Based on available data, the classification criteria are not met
 - (h) STOT-single exposure: Based on available data, the classification criteria are not met
 - (i) STOT-repeated exposure: Based on available data, the classification criteria are not met
 - (j) aspiration hazard: Based on available data, the classification criteria are not met

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Based on available data, the classification criteria are not met

The product does not contain any hazardous components above the general classification limits, which is dangerous to the aquatic environment.

12.2 Persistence and degradability

Biodegradability

No relevant information available.

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether:

Readily biodegradable (according to OECD criteria).

Elimination information:

80 - 90 % BOD of the ThOD (28 d) (OECD 301C; ISO 9408; 92/69/EEC, C.4-F) (aerobic, Inoculum conforming to MITI requirements (OECD 301C))

12.3 Bioaccumulative potential

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether:

Significant accumulation in organisms is not to be expected.

12.4 Mobility in soil

The product is water-soluble

12.5 Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT(Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

12.6 Other adverse effects

Not known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not dispose of together with household waste. In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

Transportation for non-hazardous goods.

14.1 ADR/RID, IMDG, IATA: UN number: Not applicable.

14.2 ADR/RID, IMDG, IATA: UN proper shipping name: Not applicable.

14.3 ADR/RID, IMDG, IATA: Transport hazard class(es): Not applicable.

14.4 ADR/RID, IMDG, IATA: Packing group: Not applicable.

14.5 Environmental hazards: No

14.6 Special precautions for user: Handle in accordance with good industrial hygiene and safety practice.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

According to the local regulation. For product there are no special requirements.

Restrictions according to REACH Annex XVII

2-(2-butoxyethoxy)ethanol (DEGBE) CAS No.: 112-34-5 > 3% "Do not use in paint spraying equipment". (does not apply to the product)

The components of this product are included in the following notification lists; are exempted, or otherwise meet requirements: EINECS/ELINCS/NLP (EU), DSL/NDSL (Kanada), KECI (Dél-Korea), TSCA (USA). (except CAS 1333-86-4 Pigment Black 7 < 0,15% - is not in the TSCA list)
The ingredients of this product are not included on California's 65 list, except CAS 1333-86-4 Pigment Black 7 < 0,3% (C.I. 77266)

15.2 Chemical Safety Assessment

Chemical safety assessment has not been carried out.

SECTION 16. OTHER INFORMATION

LIST OF RELEVANT H-PHRASES IN SECTION 3

H-Phrases

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H331 Toxic if inhaled.

H332 Harmful if inhaled

H335 May cause respiratory irritation

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects

EUH208 Contains (name of sensitising substance). May produce an allergic reaction.

Data Sources:

The previously-classified hazardous materials list

Internet database of chemical substances

Safety data sheets of components

The classification was prepared according to the 1272/2008/EK Regulation:
based on calculation method

Changes from the previous version: 2. 3. 8. 11. 15.

Abbreviations:

Acute Tox. Acute Toxicity

Skin Corr. Skin Corrosion

Skin Irrit, Skin Irritation

Skin Sens. Skin Sensitaton

Eye Dam. Eye Damage

Eye Irrit Eye Irritation

STOT SE Specific target organ toxicity – single exposure

Aquatic Acute

Aquatic Chronic

SCL: Specific Concentration limit
EK / EU European community/European union
EGK European Economic Community
DNEL Derived No Effect Level
PNEC Predicted No Effect Concentration
CLP Regulation on Classification, Labelling and Packaging of Substances and Mixtures /
CAS Chemical Abstracts Service
UN / ENSZ United Nations
ADN Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route
RID Règlement international concernant le transport des marchandises dangereuses par chemin de fer
IMDG International Maritime Code for Gangerous Goods
MARPOL International Convention for the Prevention of Pollution From Ships
IBC Intermediate Bulk Container
IATA International Air Transport Association
ICAO International Civil Aviation Organization
PBT Persistent, Bioaccumulative, Toxic
vPvB very Persistent, very Bioaccumulative

This product Safety Data Sheet provides health, safety, and regulatory information. The information contained in this Safety Data Sheet is based on data available to us at the date of issue , and is provided in good faith, and believed to be accurate and reliable at the date of issue, however, no warranty, express or implied is provided. The product is to be used in applications consistent. For any other uses, exposures should be evaluated so that the appropriate handling practices and training programs can be established to ensure safe working conditions and operations. It is the buyer's/user's responsibility to satisfy itself that the product is suitable for the intended use, and to ensure that its activities comply with all federal, state, provincial, or local laws and regulations. Regulatory requirements are subject to change and may differ between European Member States and Nations. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.