

Safety Data Sheet

ALKYD GLOSSY (BRUSHABLE)

Safety Data Sheet dated 15/12/2015, version 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Mixture identification:

Trade name: ALKYD GLOSSY (BRUSHABLE)

Trade code: 3G.1.K1

Product type and use: tintometric system

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

Recommended use:

industrial painting

SU3 Industrial uses: Uses of substances as such or in preparations* at industrial sites

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

PC9a Coatings and paints, thinners, paint removers

Uses advised against:

SU21 Consumer uses: Private households (= general public = consumers)

1.3. Details of the supplier of the safety data sheet

Company:

GÉNÉRALE DE PEINTURE, 70 rue Cortambert, 75116 Paris - France

Competent person responsible for the safety data sheet:

matt@lusid.biz

1.4. Emergency telephone number

+33 (0)1 75 29 35 59

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

⚠ Warning, Flam. Liq. 3, Flammable liquid and vapour.

⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.

⚠ Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.

⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:



Warning

Hazard statements:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

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

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P312 Call a POISON CENTER/ doctor/if you feel unwell.

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P370+P378 In case of fire: Use ... to extinguish.

Special Provisions:

None

Contains

Ragia Minerale

Solvent naphtha (petroleum), light arom.

solvent naphtha (petroleum), medium aliph.; Straight run kerosine; [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 a

Mixture of: butan-2-one oxime: May produce an allergic reaction.

Poly(oxy-1,2-ethandiyl),.alpha.-[(2Z)-3carboxy-1-oxo-2-propenyl]-.omega.-hydroxy-, C9-11-alkyl ethers: May produce an allergic reaction.

Cobalt bis (2-ethylhexanoate): May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

Restricted to professional users.

2.3. Other hazards

Other Hazards:

No other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

N.A.

vPvB Substances: None - PBT Substances: None

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 12.5% - < 15%	Ragia Minerale	EC: 919-446-0 REACH No.: 01-2119458049-33	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 4.1/C2 Aquatic Chronic 2 H411 EUH066
>= 10% - < 12.5%	Solvent naphtha (petroleum), light arom.	Index number: 649-356-00-4 CAS: 64742-95-6 EC: 265-199-0 REACH No.: 01-2119455851-35	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 4.1/C2 Aquatic Chronic 2 H411 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H336 EUH066 DECLP (CLP)*
>= 5% - < 7%	xylene [4]	Index number: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7 REACH No.: 01-2119488216-32	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.10/1 Asp. Tox. 1 H304
>= 1% - < 3%	solvent naphtha (petroleum), medium aliph.; Straight run kerosine; [A complex	Index number: 649-405-00-X	<ul style="list-style-type: none"> ⚠ 3.9/1 STOT RE 1 H372

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	combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 a	CAS: EC:	64742-88-7 265-191-7	⚠ 3.10/1 Asp. Tox. 1 H304
>= 1% - < 3%	1,2,4-trimethylbenzene	Index number: CAS: EC:	601-043-00-3 95-63-6 202-436-9	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 4.1/C2 Aquatic Chronic 2 H411 ⚠ 3.1/4/Inhal Acute Tox. 4 H332
>= 0.5% - < 1%	Mixture of: butan-2-one oxime	Index number: CAS: EC:	616-014-00-0 96-29-7 202-496-6	⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.4.2/1-1A-1B Skin Sens. 1,1A, 1B H317 ⚠ 3.6/2 Carc. 2 H351
>= 0.5% - < 1%	ethylbenzene	Index number: CAS: EC: REACH No.:	601-023-00-4 100-41-4 202-849-4 01-2119489370-35	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.10/1 Asp. Tox. 1 H304
>= 0.25% - < 0.5%	mesitylene; 1,3,5-trimethylbenzene	Index number: CAS: EC:	601-025-00-5 108-67-8 203-604-4	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 4.1/C2 Aquatic Chronic 2 H411
>= 0.1% - < 0.25%	Poly(oxy-1,2-ethandiyl), .alpha.-[(2Z)-3carboxy-1-oxo-2-propeny]-.omega.-hydroxy-, C9-11-alkyl ethers	CAS:	709014-50-6	⚠ 3.4.2/1-1A-1B Skin Sens. 1,1A, 1B H317
>= 0.1% - < 0.25%	Cobalt bis (2-ethylhexanoate)	CAS: EC:	136-52-7 205-250-6	⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.4.2/1-1A-1B Skin Sens. 1,1A, 1B H317 ⚠ 3.7/2 Repr. 2 H361f ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410
540 ppm	maleic anhydride	Index number: CAS: EC:	607-096-00-9 108-31-6 203-571-6	⚠ 3.2/1B Skin Corr. 1B H314 ⚠ 3.4.1/1-1A-1B Resp. Sens. 1,1A, 1B H334 ⚠ 3.4.2/1-1A-1B Skin Sens. 1,1A,

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		REACH No.: 01-2119472428-31	1B H317 ⚠ 3.1/4/Oral Acute Tox. 4 H302
60 ppm	2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve	Index number: 603-014-00-0 CAS: 111-76-2 EC: 203-905-0 REACH No.: 01-2119475108-36	⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.2/2 Skin Irrit. 2 H315

*DECLP (CLP): Substance classified in accordance with Note P, Annex VI of EC Regulation (EC) 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of Ingestion:

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:

None

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

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Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ragia Minerale

ACGIH - LTE: 300 mg/m³, 52 ppm

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6

TLV TWA - 100 mg/mq

xylene [4] - CAS: 1330-20-7

MAK - LTE: 100 ppm - STE: 200 ppm - Notes: D, Skin

EU - LTE(8h): 221 mg/m³, 50 ppm - STE: 442 mg/m³, 100 ppm - Notes: Bold-type:

Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)

ACGIH - LTE(8h): 100 ppm - STE: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

1,2,4-trimethylbenzene - CAS: 95-63-6

EU - LTE(8h): 100 mg/m³, 20 ppm - Notes: Bold-type: Indicative occupational exposure limit values [2,3] and limit values for occupational exposure [4] (for reference see bibliography) (for references see bibliography)

ethylbenzene - CAS: 100-41-4

EU - LTE(8h): 442 mg/m³, 100 ppm - STE: 884 mg/m³, 200 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)

ACGIH - LTE(8h): 20 ppm - Notes: A3, BEI - URT irr, kidney dam (nephropathy), cochlear impair

mesitylene; 1,3,5-trimethylbenzene - CAS: 108-67-8

EU - LTE(8h): 100 mg/m³, 20 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)

maleic anhydride - CAS: 108-31-6

ACGIH - LTE(8h): 0,01 mg/m³ - Notes: DSEN, RSEN, A4, (IFV) - Resp sens

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2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2
 EU - LTE(8h): 98 mg/m³, 20 ppm - STE: 246 mg/m³, 50 ppm - Notes: Bold-type:
 Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational
 Exposure [4] (for references see bibliography)
 ACGIH - LTE(8h): 20 ppm - Notes: A3, BEI - Eye and URT irr

DNEL Exposure Limit Values

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6
 Worker Industry: 25 mg/kg - Consumer: 11 mg/kg - Exposure: Human Dermal -
 Frequency: Long Term, systemic effects
 Worker Industry: 150 mg/m³ - Consumer: 32 mg/m³ - Exposure: Human Inhalation -
 Frequency: Long Term, systemic effects
 Consumer: 11 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

xylene [4] - CAS: 1330-20-7

Worker Industry: 289 mg/m³ - Consumer: 174 mg/m³ - Exposure: Human Inhalation -
 Frequency: Short Term, local effects
 Worker Industry: 180 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal -
 Frequency: Long Term, systemic effects
 Worker Industry: 77 mg/m³ - Consumer: 14.8 mg/m³ - Exposure: Human Inhalation -
 Frequency: Long Term, systemic effects
 Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
 Worker Industry: 289 mg/m³ - Consumer: 174 mg/m³ - Exposure: Human Inhalation -
 Frequency: Short Term, systemic effects

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

Worker Industry: 44.5 mg/kg - Consumer: 89 mg/kg - Exposure: Human Dermal -
 Frequency: Short Term, systemic effects
 Worker Industry: 426 ppm - Consumer: 135 mg/kg - Exposure: Human Inhalation -
 Frequency: Short Term, systemic effects
 Worker Industry: 13.4 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic
 effects
 Worker Industry: 123 ppm - Consumer: 50 mg/kg - Exposure: Human Inhalation -
 Frequency: Short Term, local effects
 Worker Industry: 75 mg/kg - Consumer: 38 mg/kg - Exposure: Human Dermal -
 Frequency: Long Term, systemic effects
 Worker Industry: 98 mg/m³ - Consumer: 49 mg/m³ - Exposure: Human Inhalation -
 Frequency: Long Term, systemic effects
 Consumer: 3.2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

xylene [4] - CAS: 1330-20-7

Target: Marine water - Value: 0.327 mg/l
 Target: Air - Value: 0.327 mg/l - Type of hazard: emissione saltuaria
 Target: Freshwater sediments - Value: 12.46 mg/kg
 Target: Marine water sediments - Value: 12.46 mg/kg
 Target: Soil (agricultural) - Value: 2.31 mg/kg

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

Target: Fresh Water - Value: 8.8 mg/l
 Target: Marine water - Value: 0.88 mg/l
 Target: Microorganisms in sewage treatments - Value: 463 mg/l
 Target: Freshwater sediments - Value: 34.6 mg/kg
 Target: Marine water sediments - Value: 3.46 mg/kg
 Target: Soil (agricultural) - Value: 3.13 mg/kg
 Target: Air - Value: 9.1 mg/l

8.2. Exposure controls

Provide adequate ventilation through good general extraction using local exhaust ventilation. If concentrations of solvent or vapor exceed the OEL value, you have to wear respiratory protection.

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

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Protection for hands:
NBR (nitrile rubber).

Respiratory protection:
Mask with filter "A" , brown colour

Thermal Hazards:
None

Environmental exposure controls:
None

Appropriate engineering controls:
None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance and colour:	liquid amber	
Odour:	solvent	
Odour threshold:	solvent	
pH:	N.A.	
Melting point / freezing point:	N.A.	
Initial boiling point and boiling range:	N.A.	
Solid/gas flammability:	N.A.	
Upper/lower flammability or explosive limits:		N.A.
Vapour density:	>1	
Flash point:	25 ° C	
Evaporation rate:	N.A.	
Vapour pressure:	N.A.	
Relative density:	0.95	
Solubility in water:	none	
Solubility in oil:	soluble	
Partition coefficient (n-octanol/water):	N.A.	
Auto-ignition temperature:	N.A.	
Decomposition temperature:	N.A.	
Viscosity:	14" ford 8	
Explosive properties:	N.A.	
Oxidizing properties:	N.A.	

9.2. Other information

Miscibility:	none	
Fat Solubility:	soluble	
Conductivity:	N.A.	
Substance Groups relevant properties		N.A.

10. STABILITY AND REACTIVITY

10.1. Reactivity
Stable under normal conditions

10.2. Chemical stability
Stable under normal conditions

10.3. Possibility of hazardous reactions
It may generate toxic gases on contact with powerful oxidising agents, and powerful reducing agents.
It may catch fire on contact with powerful oxidising agents.

10.4. Conditions to avoid
Stable under normal conditions.

10.5. Incompatible materials
Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products
None.

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11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:

Ragia Minerale

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 13.1 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 4 ml/kg

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m³ - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat 10.2 mg/l

Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg

xylene [4] - CAS: 1330-20-7

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat 20 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Mouse 5627 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Mixture of: butan-2-one oxime - CAS: 96-29-7

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 20 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 2528 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 1000 mg/kg

ethylbenzene - CAS: 100-41-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 3500 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit 5000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat 4000 ppm - Duration: 4h

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 1414 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit 3000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat 450 ppm - Duration: 4h

b) skin corrosion/irritation:

Test: Skin Irritant Positive

c) serious eye damage/irritation:

Test: Eye Irritant Positive

d) respiratory or skin sensitisation:

Test: Skin Sensitization Negative

f) carcinogenicity:

Test: Carcinogenicity Negative - Notes: Test di Ames

xylene [4] - CAS: 1330-20-7

LD50 (RAT) ORAL: 5000 MG/KG

1,2,4-trimethylbenzene - CAS: 95-63-6

LD50 (RAT) ORAL: 7000 MG/KG BW

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

a) acute toxicity;

b) skin corrosion/irritation;

c) serious eye damage/irritation;

d) respiratory or skin sensitisation;

e) germ cell mutagenicity;

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- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Do not use when plants are in flower: the product is toxic for bees.

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 9.22 mg/l - Duration h: 96

xylene [4] - CAS: 1330-20-7

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 1 mg/l - Duration h: 24

Endpoint: EC50 - Species: Algae = 4.36 mg/l - Duration h: 73

Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96

Endpoint: NOEC - Species: Algae = 0.44 mg/l - Duration h: 73

Endpoint: NOEC - Species: Daphnia = 1.57 mg/l - Notes: 21g

Endpoint: NOEC - Species: Fish = 1.4 mg/l - Notes: 56g

ethylbenzene - CAS: 100-41-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 1.7 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae = 2.6 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 4.2 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 2 mg/l - Duration h: 48

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1490 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 1700 mg/l - Duration h: 48

12.2. Persistence and degradability

None

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6

Biodegradability: Easily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.

xylene [4] - CAS: 1330-20-7

Biodegradability: Easily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

Biodegradability: Easily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.

12.3. Bioaccumulative potential

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

Bioaccumulation: Not bioaccumulative - Test: N.A. N.A. - Duration h: N.A. - Notes: N.A.

12.4. Mobility in soil

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

Mobility in soil: Mobile - Test: N.A. N.A. - Duration h: N.A. - Notes: N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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14. TRANSPORT INFORMATION



- 14.1. UN number
 ADR-UN Number: 1263
 IATA-UN Number: 1263
 IMDG-UN Number: 1263
- 14.2. UN proper shipping name
 ADR-Shipping Name: PAINT
 IATA-Shipping Name: PAINT
 IMDG-Shipping Name: PAINT
- 14.3. Transport hazard class(es)
 ADR-Class: 3
 ADR-Label: 3
 ADR - Hazard identification number: 30
 IATA-Class: 3
 IATA-Label: 3
 IMDG-Class: 3
 IMDG-Class: 3
- 14.4. Packing group
 ADR-Packing Group: III
 IATA-Packing group: III
 IMDG-Packing group: III
- 14.5. Environmental hazards
 ADR-Environmental Pollutant: Yes
 IMDG-Marine pollutant: Marine Pollutant
 Most important toxic component: Ragia Minerale
- 14.6. Special precautions for user
 Rail (RID): PAINT
 ADR-Subsidiary risks: -
 ADR-S.P.: 163 640E 650
 ADR-Tunnel Restriction Code: (D/E)
 IATA-Passenger Aircraft: 355
 IATA-Subsidiary risks: -
 IATA-Cargo Aircraft: 366
 IATA-S.P.: A3 A72
 IATA-ERG: 3L
 IMDG-EmS: F-E , S-E
 IMDG-Subsidiary risks: -
 IMDG-Storage category: Category A
 IMDG-Storage notes: -
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
 N.A.

15. REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
 Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.
 Volatile Organic compounds - VOCs = 383.29 g/l
 Volatile CMR substances = 0.00 %

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Halogenated VOCs which are assigned the risk phrase R40 = 0.90 %
Organic Carbon - C = 0.31

Where applicable, refer to the following regulatory provisions :
Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II):
N.A.

15.2. Chemical safety assessment
No

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.
H335 May cause respiratory irritation.
H332 Harmful if inhaled.
H312 Harmful in contact with skin.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.
H372 Causes damage to organs through prolonged or repeated exposure.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H225 Highly flammable liquid and vapour.
H373 May cause damage to organs through prolonged or repeated exposure.
H302 Harmful if swallowed.
H361f Suspected of damaging fertility.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H314 Causes severe skin burns and eye damage.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Paragraphs modified from the previous revision:

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
15. REGULATORY INFORMATION

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinold
CCNL - Appendix 1
Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It

Safety Data Sheet

ALKYD GLOSSY (BRUSHABLE)

refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.