

Safety Data Sheet
REGULATORY REACH 1907/2006
868.2000 WASH PRIMER BEIGE



Safety Data Sheet dated 18/9/2020, version 6

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

1.1. Product identifier

Mixture identification:

Trade name : WASH PRIMER BEIGE

Trade code : 868.2000

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

Product type and use: Painting product for car refinsh and industrial job-professional use-

1.3. Details of the supplier of the safety data sheet

Supplier:

PALINI VERNICI S.R.L. Via San Gerolamo,14 25055 Pisogne (BS)

PALINI VERNICI S.R.L. Tel.+390364/880496- 882727 Fax.+390364/882740-87722 (9-12
13-18)

Competent person responsible for the safety data sheet:

ricerca@palinal.com

1.4. Emergency telephone number

PALINI VERNICI S.R.L. Tel.+390364/880496- 882727 Fax.+390364/882740-87722 (9-12
13-18)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

- ⚠ Danger, Flam. Liq. 2, Highly flammable liquid and vapour.
- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Danger, Eye Dam. 1, Causes serious eye damage.
- ⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.
- ⚠ Warning, STOT SE 3, May cause respiratory irritation.
- ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat - No smoking.

P233 Keep container tightly closed.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing
protection/...

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

P310 Immediately call a POISON CENTER/doctor/...

P370+P378 In case of fire, use a dry powder fire extinguisher to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

None

Contains

butan-1-ol; n-butanol

ethyl acetate

xylene

n-butyl acetate

RESINA EPOSSIDICA

: May produce an allergic reaction.

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

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

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

Qty	Name	Ident. Number	Classification
>=15% - < 20%	butan-1-ol; n-butanol	Index number: 603-004-00-6 CAS: 71-36-3 EC: 200-751-6 REACH No.: 01-2119484630-38	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.8/3 STOT SE 3 H336
>=10% - < 12.5%	ethyl acetate	Index number: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4 REACH No.: 01-2119475103-46	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H336
>=7% -< 10%	xylene	Index number: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7 REACH No.: 01-2119488216-32	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 4.1/C3 Aquatic Chronic 3 H412 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.9/2 STOT RE 2 H373

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>=5% -< 7%	n-butyl acetate	Index number: CAS: EC: REACH No.:	607-025-00-1 123-86-4 204-658-1 01-2119485493-29	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H336
>=1% -< 3%	propan-2-ol; isopropyl alcohol; isopropanol	Index number: CAS: EC: REACH No.:	603-003-00-0 67-63-0 200-661-7 01-2119457558-25	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H336
>=1% -< 3%	OSSIDO DI ZINCO	Index number: CAS: EC: REACH No.:	030-013-00-7 1314-13-2 215-222-5 01-2119463881-32	<ul style="list-style-type: none"> ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410
>=1% -< 3%	RESINA EPOSSIDICA	CAS:	25036-25-3	<ul style="list-style-type: none"> ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.4.2/1 Skin Sens. 1 H317
>=1% -< 3%	ethylbenzene	Index number: CAS: EC: REACH No.:	601-023-00-4 100-41-4 202-849-4 01-2119489370-35	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 4.1/C3 Aquatic Chronic 3 H412 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.9/2 STOT RE 2 H373
>=0.5% -< 1%	2-methylpropan-1-ol; iso-butanol	Index number: CAS: EC: REACH No.:	603-108-00-1 78-83-1 201-148-0 01-2119484609-23	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.8/3 STOT SE 3 H336
>=0.1% -< 0.25%	phenol; carbolic acid	Index number: CAS: EC:	604-001-00-2 108-95-2 203-632-7	<ul style="list-style-type: none"> ⚠ 3.2/1B Skin Corr. 1B H314 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.1/3/Dermal Acute Tox. 3 H311 ⚠ 3.1/3/Inhal Acute Tox. 3 H331 ⚠ 3.1/3/Oral Acute Tox. 3 H301 ⚠ 3.5/2 Muta. 2 H341 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 4.1/C2 Aquatic Chronic 2 H411
250 ppm	formaldehyde ... %	Index number: CAS:	605-001-00-5 50-00-0	<ul style="list-style-type: none"> ⚠ 3.2/1B Skin Corr. 1B H314 ⚠ 3.1/3/Dermal Acute Tox. 3 H311 ⚠ 3.1/3/Inhal Acute Tox. 3 H331

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		EC: 200-001-8 REACH No.: 01-2119488953-20	⚠ 3.1/3/Oral Acute Tox. 3 H301 ⚠ 3.4.2/1 Skin Sens. 1 H317 ⚠ 3.5/2 Muta. 2 H341 ⚠ 3.6/1B Carc. 1B H350
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SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

CONSULT A PHYSICIAN IMMEDIATELY.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

In case of inhalation, consult a doctor immediately and show him packing or label.

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

No data available

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

In case of fire, use a dry powder fire extinguisher to extinguish.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

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Provide adequate ventilation.
Use appropriate respiratory protection.
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.
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

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
Use localized ventilation system.
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.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities
Always keep in a well ventilated place.
Store between 5 and 35°C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
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

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
butan-1-ol; n-butanol - CAS: 71-36-3
ACGIH - TWA(8h): 20 ppm - Notes: Eye and URT irr
ethyl acetate - CAS: 141-78-6
EU - TWA(8h): 734 mg/m³, 200 ppm - STEL: 1468 mg/m³, 400 ppm
ACGIH - TWA(8h): 400 ppm - Notes: URT and eye irr
xylene - CAS: 1330-20-7
National - TWA: 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: pelle
EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: Skin
ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS
impair
n-butyl acetate - CAS: 123-86-4
ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr
EU - TWA(8h): 241 mg/m³, 50 ppm - STEL: 723 mg/m³, 150 ppm
propan-2-ol - CAS: 67-63-0
ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS

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impair

OSSIDO DI ZINCO - CAS: 1314-13-2

ACGIH - TWA(8h): 2 mg/m³ - STEL: 10 mg/m³ - Notes: (R) - Metal fume fever

ethylbenzene - CAS: 100-41-4

EU - TWA(8h): 442 mg/m³, 100 ppm - STEL: 884 mg/m³, 200 ppm - Notes: Skin

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

2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1

ACGIH - TWA(8h): 50 ppm - Notes: Skin and eye irr

phenol; carboic acid - CAS: 108-95-2

EU - TWA(8h): 8 mg/m³, 2 ppm - STEL: 16 mg/m³, 4 ppm - Notes: Skin

ACGIH - TWA(8h): 5 ppm - Notes: Skin, A4, BEI - URT irr, lung dam, CNS impair

formaldehyde ... % - CAS: 50-00-0

ACGIH - TWA(8h): 0.1 ppm - STEL: 0.3 ppm - Notes: DSEN, RSEN, A1 - URT and eye irr, URT cancer

EU - TWA(8h): 0,37 mg/m³, 0,3 ppm - STEL: 0,74 mg/m³, 0,6 ppm - Notes: Dermal sensitisation

DNEL Exposure Limit Values

butan-1-ol; n-butanol - CAS: 71-36-3

Worker Professional: 310 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 310 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, local effects

ethyl acetate - CAS: 141-78-6

Worker Professional: 1468 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 1468 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 63 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 734 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 734 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, local effects

xylene - CAS: 1330-20-7

Worker Professional: 3182 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 442 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 221 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 221 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, local effects

n-butyl acetate - CAS: 123-86-4

Worker Professional: 960 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 960 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 480 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 480 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Professional: 859.7 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 859.7 mg/kg - Exposure: Human Inhalation - Frequency: Short Term (acute)

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propan-2-ol - CAS: 67-63-0

Worker Professional: 888 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 500 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

phenol; carboic acid - CAS: 108-95-2

Worker Professional: 8 mg/kg - Exposure: Human Inhalation

Worker Professional: 1.23 mg/kg - Exposure: Human Dermal

PNEC Exposure Limit Values

butan-1-ol; n-butanol - CAS: 71-36-3

Target: Fresh Water - Value: 0.082 mg/l

Target: Marine water - Value: 0.0082 mg/l

Target: 08 - Value: 2.25 mg/l

Target: 09 - Value: 2476 mg/l

Target: Freshwater sediments - Value: 0.178 mg/kg

Target: Marine water sediments - Value: 0.0178 mg/kg

Target: Soil (agricultural) - Value: 0.015 mg/kg

ethyl acetate - CAS: 141-78-6

Target: Fresh Water - Value: 0.26 mg/l

Target: Marine water - Value: 0.026 mg/l

Target: Freshwater sediments - Value: 1.25 mg/kg

Target: 09 - Value: 650 mg/l

Target: Marine water sediments - Value: 0.125 mg/kg

Target: Soil (agricultural) - Value: 0.24 mg/kg

xylene - CAS: 1330-20-7

Target: Fresh Water - Value: 0.327 mg/l

Target: Marine water - Value: 0.327 mg/l

Target: Marine water sediments - Value: 12.46 mg/l

Target: Freshwater sediments - Value: 12.46 mg/l

Target: 09 - Value: 6.58 mg/l

Target: Soil (agricultural) - Value: 2.31 mg/kg

Target: 08 - Value: 0.327 mg/l

n-butyl acetate - CAS: 123-86-4

Target: Fresh Water - Value: 0.18 mg/l

Target: Marine water - Value: 0.018 mg/l

Target: 08 - Value: 0.36 mg/l

Target: 09 - Value: 35.6 mg/l

Target: Freshwater sediments - Value: 0.981 mg/kg

Target: Marine water sediments - Value: 0.0981 mg/kg

Target: Soil (agricultural) - Value: 0.0903 mg/kg

propan-2-ol - CAS: 67-63-0

Target: 08 - Value: 140.9 mg/l

Target: Freshwater sediments - Value: 552 mg/kg

Target: Marine water sediments - Value: 552 mg/kg

Target: Soil (agricultural) - Value: 28 mg/kg

Target: Marine water - Value: 140.9 mg/l

phenol; carboic acid - CAS: 108-95-2

Target: Fresh Water - Value: 0.077 mg/l

Target: Marine water - Value: 0.0077 mg/l

Target: Freshwater sediments - Value: 0.0915 mg/kg

Target: Marine water sediments - Value: 0.00915 mg/kg

Target: Soil (agricultural) - Value: 0.136 mg/kg

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

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Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Use adequate protective respiratory equipment. es. CEN/FFP-2 o CEN/FFP-3

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Liquido Viscoso	--	--
Odour:	CHARACTER ISTIC	--	--
Odour threshold:	N.A.	--	--
pH:		--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	> 35 gradi C.	--	--
Flash point:	< 23	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.D.	--	--
Vapour density:	>Aria	--	--
Relative density:	1.1 Kg/L Kg/L	--	--
Solubility in water:	Insolubile	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--

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Auto-ignition temperature:	400 gradi C.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	kv > 20,5 mm ² /s	--	--
Explosive properties:	2/11 % Volume	--	--
Oxidizing properties:	N.D.	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.	--	--
Solids	44.4	--	--
% Volatile carbon:	35.3	--	--
% Solvent	55.6	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

SECTION 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
None
- 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.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
Toxicological information of the product:
N.A.
Toxicological information of the main substances found in the product:
butan-1-ol; n-butanol - CAS: 71-36-3
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 2292 mg/kg

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Test: LC50 - Route: Inhalation - Species: Rat > 17.76 mg/l - Duration: 4h

Test: LD50 - Route: Skin - Species: Rabbit = 3430 mg/kg

ethyl acetate - CAS: 141-78-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 6000 Ppm - Duration: 8h

Test: LD50 - Route: Skin - Species: Rabbit > 20000 mg/kg

Test: LD50 - Route: Oral - Species: Mouse = 4100 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 4934 mg/kg

xylene - CAS: 1330-20-7

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 5000 Ppm - Duration: 4h

Test: LD50 - Route: Skin - Species: Rabbit > 1700 mg/kg

n-butyl acetate - CAS: 123-86-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 10000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 21.1 mg/l - Duration: 4h

Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg

propan-2-ol - CAS: 67-63-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5840 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 10000 Ppm - Duration: 4h

Test: LD50 - Route: Skin - Species: Rabbit = 16.4 ml/kg

butan-1-ol; n-butanol - CAS: 71-36-3

OBSERVATIONS ON HUMAN SUBJECTS:

Exposure through inhalation causes coughing, irritation to the mucous membranes, dermatitis, headache, dizziness and drowsiness, irritation to the nose, throat and eyes, and the formation of translucent vacuoles on the surface layer of the cornea.

ethyl acetate - CAS: 141-78-6

OBSERVATIONS ON HUMAN SUBJECTS:

400 ppm: eye irritant.

Serious toxic effects at 2,000 ppm/60 mins, symptoms of malaise at 800 ppm.

Inhalatory toxicity: TClO 400 ppm, irritation to nose, eyes, and respiratory system.

xylene - CAS: 1330-20-7

OBSERVATIONS ON HUMAN SUBJECTS NON-PROFESSIONAL EXPOSED-

Effects following acute exposure:

Symptoms of intense exposure are: dermatitis, eczema, irritation to the eyes and to the respiratory tract.

Inhaling the vapours can cause dizziness, headache, nausea, incoordination, excitability, narcosis, anaemia, and paraesthesia of the hands and feet.

PROFESSIONAL EXPOSED- Effects following acute exposure:

Narcotic at high concentrations.

Irritation through inhalation at 200 ppm (TClO). Inhalation of 200 ppm has irritating effects in human subjects.

Human subject (oral)(LDLo): 50 mg/kg.

Inhalatory human subject (LClO) 10000 ppm/6h.

n-butyl acetate - CAS: 123-86-4

OBSERVATIONS ON HUMAN SUBJECTS:

Inhalation: 3300 ppm (16 mg/l), for short periods, cause serious irritation to the eyes and to the nose.

Inhalation: 200-300 ppm (1-1.4 mg/l), for short periods, cause moderate irritation to the eyes and to the nose.

Inhaling the vapours can irritate the respiratory system.

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The vapours can cause headache and nausea. As a liquid it can irritate the eyes and cause conjunctivitis, it can irritate the skin and cause dermatitis and, if swallowed, causes inebriation, hallucinations and sedation.

Symptoms of illness at 500 ppm. Serious toxic effects at 2,000 ppm for 60 min.
TCLo: 200 ppm

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

SECTION 12: Ecological information

12.1. Toxicity

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

butan-1-ol; n-butanol - CAS: 71-36-3

e) Plant toxicity:

Endpoint: EC50 - Species: Fish = 225 mg/l - Duration h: 96

f) Effects in sewage plants:

Endpoint: EC50 = 2476 mg/l - Duration h: 17

ethyl acetate - CAS: 141-78-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Algae = 5600 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia = 260 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 230 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 3090 mg/l - Duration h: 24

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72

xylene - CAS: 1330-20-7

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 21 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 29 mg/l - Duration h: 96

Endpoint: EC50 - Species: Fish = 35 mg/l - Duration h: 96

Endpoint: LC50 - Species: Daphnia = 165 mg/l - Duration h: 24

n-butyl acetate - CAS: 123-86-4

e) Plant toxicity:

Endpoint: EC50 - Species: Algae = 675 mg/l - Duration h: 72

propan-2-ol - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 48

12.2. Persistence and degradability

None

N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

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vPvB Substances: None - PBT Substances: None

- 12.6. Other adverse effects
None

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 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 (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)
IATA-Shipping Name: PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)
IMDG-Shipping Name: PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)
- 14.3. Transport hazard class(es)
ADR-Class: 3
ADR - Hazard identification number: 33
IATA-Class: 3
IATA-Label: 3
IMDG-Class: 3
- 14.4. Packing group
ADR-Packing Group: II
IATA-Packing group: II
IMDG-Packing group: II
- 14.5. Environmental hazards
ADR-Environmental Pollutant: NO
IMDG-Marine pollutant: NO
- 14.6. Special precautions for user
ADR-Subsidiary hazards: -
ADR-S.P.: 163 367 640D 650
ADR-Transport category (Tunnel restriction code): 2 (D/E)
IATA-Passenger Aircraft: 353
IATA-Subsidiary hazards: -
IATA-Cargo Aircraft: 364
IATA-S.P.: A3 A72 A192
IATA-ERG: 3L
IMDG-EmS: F-E , S-E
IMDG-Subsidiary hazards: -
IMDG-Stowage and handling: Category A

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IMDG-Segregation: -

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
N.A.

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) 2015/830

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 28

Restriction 72

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Text of phrases referred to under heading 3:

H226 Flammable liquid and vapour.

H318 Causes serious eye damage.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

H312 Harmful in contact with skin.

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H332 Harmful if inhaled.
H304 May be fatal if swallowed and enters airways.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H373 May cause damage to organs (hearing organs) through prolonged or repeated exposure.
H314 Causes severe skin burns and eye damage.
H311 Toxic in contact with skin.
H331 Toxic if inhaled.
H301 Toxic if swallowed.
H341 Suspected of causing genetic defects.
H411 Toxic to aquatic life with long lasting effects.
H350 May cause cancer.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Muta. 2	3.5/2	Germ cell mutagenicity, Category 2
Carc. 1B	3.6/1B	Carcinogenicity, Category 1B
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1

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Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Paragraphs modified from the previous revision:

SECTION 1: Identification of the substance/mixture and of the company/undertaking
 SECTION 2: Hazards identification
 SECTION 3: Composition/information on ingredients
 SECTION 5: Firefighting measures
 SECTION 7: Handling and storage
 SECTION 8: Exposure controls/personal protection
 SECTION 9: Physical and chemical properties
 SECTION 14: Transport information
 SECTION 15: Regulatory information
 SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 2, H225	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Dam. 1, H318	Calculation method
Skin Sens. 1, H317	Calculation method
STOT SE 3, H335	Calculation method
STOT SE 3, H336	Calculation method
Aquatic Chronic 3, H412	Calculation method

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

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

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

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical

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	Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.