

# Safety Data Sheet

## WHITE

Safety Data Sheet dated 15/12/2015, version 1

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

#### 1.1. Product identifier

Mixture identification:  
 Trade name: WHITE  
 Trade code: OH4.130  
 Product type and use: tintometric system

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

Recommended use:

Tintometric system

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, Skin Irrit. 2, Causes skin irritation.
- ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
- ⚠ Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Symbols:



Warning

Hazard statements:

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

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

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.

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

P314 Get medical advice/attention if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

Special Provisions:

None

Contains

xylene [4]

Mixture of: butan-2-one oxime: 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
>= 10% - < 12.5%	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"> <li>⚠ 2.6/3 Flam. Liq. 3 H226</li> <li>⚠ 3.1/4/Inhal Acute Tox. 4 H332</li> <li>⚠ 3.1/4/Dermal Acute Tox. 4 H312</li> <li>⚠ 3.3/2 Eye Irrit. 2 H319</li> <li>⚠ 3.8/3 STOT SE 3 H335</li> <li>⚠ 3.2/2 Skin Irrit. 2 H315</li> <li>⚠ 3.9/2 STOT RE 2 H373</li> <li>⚠ 3.10/1 Asp. Tox. 1 H304</li> </ul>
>= 5% - < 7%	2-methoxy-1-methylethyl acetate	Index number: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9 REACH No.: 01-2119475791-29	<ul style="list-style-type: none"> <li>⚠ 2.6/3 Flam. Liq. 3 H226</li> </ul>
>= 1% - < 3%	ethylbenzene	Index number: 601-023-00-4 CAS: 100-41-4 EC: 202-849-4 REACH No.: 01-2119489370-35	<ul style="list-style-type: none"> <li>⚠ 2.6/2 Flam. Liq. 2 H225</li> <li>⚠ 3.1/4/Inhal Acute Tox. 4 H332</li> <li>⚠ 3.9/2 STOT RE 2 H373</li> <li>⚠ 3.10/1 Asp. Tox. 1 H304</li> </ul>
>= 1% - < 3%	n-butyl acetate	Index number: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1 REACH No.: 01-2119485493-29	<ul style="list-style-type: none"> <li>⚠ 2.6/3 Flam. Liq. 3 H226</li> <li>⚠ 3.8/3 STOT SE 3 H336</li> <li>EUH066</li> </ul>
>= 0.5% < 1%	Solvent naphtha (petroleum), light arom.	Index number: 649-356-00-4	<ul style="list-style-type: none"> <li>⚠ 2.6/3 Flam. Liq. 3 H226</li> <li>⚠ 4.1/C2 Aquatic Chronic 2 H411</li> </ul>

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		CAS: EC: REACH No.:	64742-95-6 265-199-0 01- 2119455851 -35	 3.8/3 STOT SE 3 H335  3.10/1 Asp. Tox. 1 H304  3.8/3 STOT SE 3 H336 EUH066 DECLP (CLP)*
>= 0.1% - < 0.25%	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
>= 0.1% - < 0.25%	butan-2-ol	Index number: CAS: EC:	603-127-00-5 78-92-2 201-158-5	 2.6/3 Flam. Liq. 3 H226  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H335  3.8/3 STOT SE 3 H336
213 ppm	1-methoxy-2-propanol	Index number: CAS: EC: REACH No.:	603-064-00-3 107-98-2 203-539-1 01- 2119457435 -35	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336
21 ppm	2,6-dimethylheptan-4-one; di-isobutyl ketone	Index number: CAS: EC:	606-005-00-X 108-83-8 203-620-1	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H335

\*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.

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- 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.
  - 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
  - Always keep the containers tightly closed.
  - 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
  - xylene [4] - CAS: 1330-20-7
    - MAK - LTE: 100 ppm - STE: 200 ppm - Notes: D, Skin
    - EU - LTE(8h): 221 mg/m<sup>3</sup>, 50 ppm - STE: 442 mg/m<sup>3</sup>, 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
  - 2-methoxy-1-methylethyl acetate - CAS: 108-65-6

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- ACGIH - LTE: 275 mg/m<sup>3</sup>, 50 ppm - STE: 550 mg/m<sup>3</sup>, 100 ppm - Notes: H  
 EU - LTE(8h): 275 mg/m<sup>3</sup>, 50 ppm - STE: 550 mg/m<sup>3</sup>, 100 ppm - Notes: Indicative  
 Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4]  
 (for references see bibliography)
- ethylbenzene - CAS: 100-41-4  
 EU - LTE(8h): 442 mg/m<sup>3</sup>, 100 ppm - STE: 884 mg/m<sup>3</sup>, 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
- n-butyl acetate - CAS: 123-86-4  
 ACGIH - LTE(8h): 150 ppm - STE: 200 ppm - Notes: Eye and URT irr  
 OEL 8h - 150 ppm  
 OEL short - 200 ppm
- Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6  
 TLV TWA - 100 mg/mq
- butan-2-ol - CAS: 78-92-2  
 ACGIH - LTE(8h): 100 ppm - Notes: URT irr, CNS impair
- 1-methoxy-2-propanol - CAS: 107-98-2  
 EU - LTE(8h): 375 mg/m<sup>3</sup>, 100 ppm - STE: 563 mg/m<sup>3</sup>, 150 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): 50 ppm - STE: 100 ppm - Notes: A4 - Eye and URT irr
- 2,6-dimethylheptan-4-one; di-isobutyl ketone - CAS: 108-83-8  
 ACGIH - LTE(8h): 25 ppm - Notes: URT and eye irr
- DNEL Exposure Limit Values**
- xylene [4] - CAS: 1330-20-7  
 Worker Industry: 289 mg/m<sup>3</sup> - Consumer: 174 mg/m<sup>3</sup> - 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/m<sup>3</sup> - Consumer: 14.8 mg/m<sup>3</sup> - 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/m<sup>3</sup> - Consumer: 174 mg/m<sup>3</sup> - Exposure: Human Inhalation -  
 Frequency: Short Term, systemic effects
- 2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
 Worker Industry: 153.5 mg/kg - Consumer: 54.8 mg/kg - Exposure: Human Dermal -  
 Frequency: Long Term, systemic effects  
 Worker Industry: 275 mg/m<sup>3</sup> - Consumer: 33 mg/m<sup>3</sup> - Exposure: Human Inhalation -  
 Frequency: Long Term, systemic effects  
 Consumer: 1.67 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic  
 effects
- n-butyl acetate - CAS: 123-86-4  
 Worker Industry: 960 ppm - Consumer: 859.7 ppm - Exposure: Human Inhalation -  
 Frequency: Short Term, systemic effects  
 Worker Industry: 960 ppm - Consumer: 859.7 ppm - Exposure: Human Inhalation -  
 Frequency: Short Term, local effects  
 Worker Industry: 480 ppm - Consumer: 102.34 ppm - Exposure: Human Inhalation -  
 Frequency: Long Term, systemic effects  
 Worker Industry: 480 ppm - Consumer: 102.34 ppm - Exposure: Human Inhalation -  
 Frequency: Long Term, local effects
- 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/m<sup>3</sup> - Consumer: 32 mg/m<sup>3</sup> - Exposure: Human Inhalation -  
 Frequency: Long Term, systemic effects  
 Consumer: 11 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

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

Worker Industry: 369 mg/m<sup>3</sup> - Consumer: 43.9 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 553.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 50.6 mg/kg - Consumer: 18.1 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 3.3 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-methoxy-1-methylethyl acetate - CAS: 108-65-6

Target: Air - Value: 0.635 mg/l

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Freshwater sediments - Value: 3.29 mg/kg

Target: Marine water sediments - Value: 0.329 mg/kg

Target: Marine water - Value: 0.0635 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: Freshwater sediments - Value: 0.981 mg/kg

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

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

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

Target: Air - Value: 100 mg/l - Notes: occasional

Target: Freshwater sediments - Value: 41.6 mg/l

Target: Marine water sediments - Value: 4.17 mg/kg

Target: Soil (agricultural) - Value: 2.47 mg/kg

Target: Fresh Water - Value: 10 mg/l

Target: Marine water - Value: 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.

Protection for hands:

NBR (nitrile rubber).

Respiratory protection:

Mask with filter "A" , brown colour

Mask FFP1D (OV) short exposure and vapor <TLV (EN 149)

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance and colour: liquid white

Odour: solvent

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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:	1.75
Solubility in water:	none
Solubility in oil:	N.A.
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	10+/-5 sec Ford8
Explosive properties:	N.A.
Oxidizing properties:	N.A.
9.2. Other information	
Miscibility:	N.A.
Fat Solubility:	N.A.
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.

## 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:
    - 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
      - 2-methoxy-1-methylethyl acetate - CAS: 108-65-6
        - a) acute toxicity:
          - Test: LD50 - Route: Oral - Species: Mouse 8532 mg/kg
          - Test: LD50 - Route: Skin - Species: Rabbit 5001 mg/kg
          - Test: LC50 - Route: Inhalation - Species: Mouse > 35.7 mg/l - Notes: 6 hours
        - h) STOT-single exposure:

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Test: Eye Irritant Positive  
 Test: Skin Irritant Positive  
 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

n-butyl acetate - CAS: 123-86-4  
 a) acute toxicity:  
 Test: LC50 - Route: Inhalation - Species: Rat > 21.2 mg/l - Duration: 4h  
 Test: LD50 - Route: Oral - Species: Rat 10760 mg/kg  
 Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6  
 a) acute toxicity:  
 Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m<sup>3</sup> - Duration: 4h  
 Test: LD50 - Route: Oral - Species: Rat 10.2 mg/l  
 Test: LD50 - Route: Skin - Species: Rabbit > 3160 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

butan-2-ol - CAS: 78-92-2  
 a) acute toxicity:  
 Test: LD50 - Route: Oral - Species: Rat 6480 mg/kg  
 Test: LC50 - Route: Inhalation - Species: Rat 16000 mg/kg

1-methoxy-2-propanol - CAS: 107-98-2  
 a) acute toxicity:  
 Test: LD50 - Route: Oral - Species: Rat 5660 mg/kg  
 Test: LD50 - Route: Skin - Species: Rabbit 10000 mg/kg  
 Test: LC50 - Route: Inhalation - Species: Rat > 31.59 ml/l - Duration: 4h

xylene [4] - CAS: 1330-20-7  
 LD50 (RAT) ORAL: 5000 MG/KG

2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
 LD50 (RAT) oral. 8532 mg/Kg  
 LD50 (RAT) derm. >5000 mg/kg

ethylbenzene - CAS: 100-41-4  
 LD50 (RAT) ORAL: 3500 MG/KG  
 LD50 (RAT) ORAL: 4710 MG/KG BW

n-butyl acetate - CAS: 123-86-4  
 LD (RAT) oral, 10770 mg/kg

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.



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#### 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.

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

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 180 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 380 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2000 mg/l - Duration h: 72

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

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

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 62 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 205 mg/l - Duration h: 48

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

a) Aquatic acute toxicity:

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

butan-2-ol - CAS: 78-92-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 3670 mg/l - Duration h: 96 - Notes: pimephales

promelas

Endpoint: EC50 - Species: Daphnia = 3752 mg/l - Duration h: 24 - Notes: daphnia magna

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

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 4600 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 23300 mg/l - Duration h: 48

##### 12.2. Persistence and degradability

None

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

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

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

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

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

Biodegradability: Easily biodegradable - Test: N.A. - Duration h: N.A. - %: 83 - Notes: 28 days

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

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

##### 12.3. Bioaccumulative potential

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

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

##### 12.4. Mobility in soil

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2-methoxy-1-methylethyl acetate - CAS: 108-65-6

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

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.

### 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:	No
IMDG-Marine pollutant:	No

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.

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#### 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 = 382.29 g/l

Volatile CMR substances = 0.01 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.20 %

Organic Carbon - C = 0.17

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

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#### 16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H312 Harmful in contact with skin.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H315 Causes skin irritation.

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

H304 May be fatal if swallowed and enters airways.

H225 Highly flammable liquid and vapour.

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

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

H411 Toxic to aquatic life with long lasting effects.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.

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 refers solely to the product indicated and constitutes no guarantee of particular quality.

## Safety Data Sheet

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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.