

# Safety Data Sheet

## FSA03N0564 SINTOPRIMER IND RAL 9002\*



Safety Data Sheet dated 20/4/2021, version 2

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

- 1.1. Product identifier  
Mixture identification:  
Trade code and name: FSA03N0564 SINTOPRIMER IND RAL 9002\*
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
Quick-Drying Primer  
Only for professional use.  
For industrial application. Not for autobody shop use.
- 1.3. Details of the supplier of the safety data sheet  
Company:  
Industria Chimica Reggiana I.C.R. Spa  
(subject to management and coordination by sole shareholder company PPG Industries Inc.)  
Via Gasparini, 7 42124 REGGIO EMILIA Italia  
Tel. +39 0522/517803 Fax +39 0522/514384  
Competent person responsible for the safety data sheet:  
sdsre@icrsprint.it
- 1.4. Emergency telephone number  
Tel. +39 0522-517803 or NHS 111 - dial 111

### SECTION 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.  
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:



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.
- H412 Harmful 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 vapours or spray.
- P273 Avoid release to the environment.
- P280.D Wear protective gloves and clothing and eye protection.
- P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.

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

Special Provisions:

None

Contains

Xylene

2-butanone oxime: May produce an allergic reaction.

Fatty acids C18 with oleylamine: May produce an allergic reaction.

Fatty acids, tall-oil, compds. with oleylamine: 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
>= 10% - < 12.5%	Xylene	Index number: 601-022-01-6 CAS: 1330-20-7 EC: 215-535-7 REACH No.: 01-2119488216-32	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 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 4.1/C3 Aquatic Chronic 3 H412
>= 7% - < 10%	Naphtha - hydrocarbons C9 aromatics	CAS: 64742-95-6 EC: 918-668-5 REACH No.: 01-2119455851-35	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 4.1/C2 Aquatic Chronic 2 H411 EUH066
>= 1% - < 3%	acetone	Index number: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2 REACH No.: 01-2119471330-49	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H336 EUH066
>= 0.25% - < 0.5%	Solvent naphtha (petroleum), light arom.	Index number: 649-356-00-4 CAS: 64742-95-6 REACH No.: 01-2119455851-35	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 4.1/C2 Aquatic Chronic 2 H411 ⚠ 3.10/1 Asp. Tox. 1 H304 EUH066

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			DECLP (CLP)*
>= 0.25% - < 0.5%	Zirconium 2-ethylhexanoate	CAS: 22464-99-9 EC: 245-018-1	<span style="color: red;">◆</span> 3.2/2 Skin Irrit. 2 H315 <span style="color: red;">◆</span> 3.7/2 Repr. 2 H361d
>= 0.25% - < 0.5%	2-butanone oxime	Index number: 616-014-00-0 CAS: 96-29-7 EC: 202-496-6 REACH No.: 01-2119539477-28	<span style="color: red;">◆</span> 3.6/2 Carc. 2 H351 <span style="color: red;">◆</span> 3.3/1 Eye Dam. 1 H318 <span style="color: red;">◆</span> 3.4.2/1-1A-1B Skin Sens. 1,1A, 1B H317 <span style="color: red;">◆</span> 3.1/4/Dermal Acute Tox. 4 H312
>= 0.1% - < 0.25%	Naphtha - Hydrocarbons, C9-. C12, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS: 1174522-20-3 EC: 919-857-5 REACH No.: 01-2119463258-33	<span style="color: red;">◆</span> 2.6/3 Flam. Liq. 3 H226 <span style="color: red;">◆</span> 3.10/1 Asp. Tox. 1 H304 <span style="color: red;">◆</span> 3.8/3 STOT SE 3 H336 EUH066
>= 0.1% - < 0.25%	Fatty acids C18 with oleylamine	CAS: 147900-93-4 EC: 604-612-4 REACH No.: 01-2119971821-33	<span style="color: red;">◆</span> 3.1/4/Oral Acute Tox. 4 H302 <span style="color: red;">◆</span> 3.9/2 STOT RE 2 H373 <span style="color: red;">◆</span> 4.1/C2 Aquatic Chronic 2 H411 <span style="color: red;">◆</span> 3.4.2/1-1A-1B Skin Sens. 1,1A, 1B H317
>= 0.1% - < 0.25%	Fatty acids, tall-oil, compds. with oleylamine	CAS: 85711-55-3 EC: 288-315-1 REACH No.: 05-2114083514-49	<span style="color: red;">◆</span> 3.3/1 Eye Dam. 1 H318 <span style="color: red;">◆</span> 3.4.2/1 Skin Sens. 1 H317 <span style="color: red;">◆</span> 3.9/2 STOT RE 2 H373
>= 0.01% - < 0.1%	p-tert-butylfenolo	CAS: 98-54-4 EC: 202-679-0 REACH No.: 01-2119489419-21	<span style="color: red;">◆</span> 3.7/2 Repr. 2 H361 <span style="color: red;">◆</span> 3.8/3 STOT SE 3 H335 <span style="color: red;">◆</span> 3.2/2 Skin Irrit. 2 H315 <span style="color: red;">◆</span> 3.3/1 Eye Dam. 1 H318 <span style="color: red;">◆</span> 4.1/C2 Aquatic Chronic 2 H411 M=1.

\*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 shall apply. This note applies only to certain complex oil-derived substances in Part 3.

#### SVHC Substances:

>= 0.01% - < 0.1% p-tert-butylfenolo  
 REACH No.: 01-2119489419-21, CAS: 98-54-4, EC: 202-679-0  
 Substance SVHC

This product is not classified H304 due to its high viscosity.

All component substances of this product have been registered under REACH or are exempt from REACH registration.

Substances in Section 3 not showing REACH registration codes are exempt from registration.

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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. If irritation persists: Get medical advice/attention.

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 at least 15 minutes, then consult a medic immediately.

Protect uninjured eye.

In case of Ingestion:

SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

In case of Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. OBTAIN MEDICAL ATTENTION.

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

See section 11 for known symptoms and effects.

#### 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

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media:

In case of fire, use a CO2 fire extinguisher to extinguish.

Extinguishing media which must not be used for safety reasons:

Do not use water jets. Water may not be effective fire fighting measure, however it can be used to cool closed

containers close to flames as to avoid bursting and exploding.

None in particular.

#### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke. Carbon oxides.

#### 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.

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### SECTION 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.

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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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

#### 6.4. Reference to other sections

See also section 8 and 13

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### SECTION 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.

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 at below 20 °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.

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

#### 7.3. Specific end use(s)

See Point 1.2.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Xylene - CAS: 1330-20-7

Italy - TWA(8h): 221 mg/m<sup>3</sup>, 50 ppm - STEL(): 442 mg/m<sup>3</sup>, 100 ppm - Notes: Assorbito attraverso la pelle

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

EU - TWA(8h): 221 mg/m<sup>3</sup>, 50 ppm - STEL: 442 mg/m<sup>3</sup>, 100 ppm - Notes: Skin

Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6

EU - TWA(8h): 100 mg/m<sup>3</sup>, 19 ppm

acetone - CAS: 67-64-1

Italy - TWA(8h): 1210 mg/m<sup>3</sup>, 500 ppm

EU - TWA(8h): 1210 mg/m<sup>3</sup>, 500 ppm

ACGIH - TWA(8h): 250 ppm - STEL: 500 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

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

EU - TWA(8h): 100 mg/m<sup>3</sup>, 19 ppm

2-butanone oxime - CAS: 96-29-7

ACGIH - TWA(8h): 10 ppm

Naphtha - Hydrocarbons, C9-. C12, n-alkanes, isoalkanes, cyclics, <2% aromatics - CAS: 1174522-20-3

TLV TWA - 525 mg/m<sup>3</sup>

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#### DNEL Exposure Limit Values

Xylene - CAS: 1330-20-7

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

Worker Professional: 212 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 77 mg/m<sup>3</sup> - Consumer: 14.8 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Professional: 212 mg/kg - Consumer: 125 mg/kg - Exposure: Human Dermal - Frequency: Long Term (repeated)

Worker Professional: 221 mg/m<sup>3</sup> - Consumer: 65.3 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term (repeated)

Consumer: 12.5 mg/kg/day - Exposure: Human Oral - Frequency: Long Term (repeated)

Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6

Worker Professional: 25 mg/kg - Consumer: 11 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 150 mg/m<sup>3</sup> - Consumer: 32 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 11 mg/m<sup>3</sup> - Exposure: Human Oral - Frequency: Long Term, systemic effects

acetone - CAS: 67-64-1

Worker Professional: 186 mg/kg - Consumer: 62 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 2420 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 1210 mg/m<sup>3</sup> - Consumer: 200 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 62 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

#### PNEC Exposure Limit Values

Xylene - CAS: 1330-20-7

Target: Purification plant - Value: 6.58 mg/l

Target: Marine water - Value: 0.32 mg/l

Target: Intermittent emissions - Value: 0.32 mg/l

Target: Freshwater sediments - Value: 12.46 mg/kg

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

Target: Soil - Value: 2.31 mg/kg

Target: Fresh Water - Value: 0.32 mg/l

acetone - CAS: 67-64-1

Target: Purification plant - Value: 100 mg/l

Target: Intermittent emissions - Value: 21 mg/l

Target: Freshwater sediments - Value: 30.4 mg/kg

Target: Marine water sediments - Value: 3.04 mg/kg

Target: Soil - Value: 33.3 mg/kg

Target: Fresh Water - Value: 10.6 mg/kg

Target: Marine water - Value: 1.06 mg/l

#### Biological Exposure Index

Xylene - CAS: 1330-20-7

Value: 1.5 g/g - medium: Urine - Biological Indicator: Creatinine in urine - Sampling Period:

End of turn

acetone - CAS: 67-64-1

Value: 50 mg/L - medium: Urine - Biological Indicator: Acetone in urine - Sampling Period:

End of turn

#### 8.2. Exposure controls

Eye protection:

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Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:

Wear safety clothing that ensure full skin protection in accordance to EN 14605 Type 4 in case of spills or spray (e.g. Tyrek). Please note: safety clothing must be changed immediately if it comes in contact with product.

Protection for hands:

Use protective gloves that provides comprehensive protection, EN374 Class 3 (B-F-I). Permeation time > 60 minutes; 0.4 mm thickness.

Respiratory protection:

Use adequate protective respiratory devices, using Filter "A" (Brown colour) for organic gas and vapors with boiling points over 65°C.

Thermal Hazards:

None

Environmental exposure controls:

Emissions from ventilation systems or from work processes must be check as to ensure compliance to environmental protection legislation. In some cases the addition of vapour scrubbers, filters or other system modification may be necessary in order to reduce emissions to acceptable levels.

Appropriate engineering controls:

None

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## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes
Appearance and colour:	Liquid White	--	--
Odour:	Typical di solvente	--	--
Odour threshold:	N.D.	--	--
pH:	N.A.		
Melting point / freezing point:	N.D.	--	--
Initial boiling point and boiling range:	135 °C	--	--
Flash point:	23 °C	--	--
Evaporation rate:	N.D.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	0.7 - 7.0% vol	--	--
Vapour pressure:	6.5 - 9.5 hPa	--	--
Vapour density:	>1	--	--

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Relative density:	1.590 ±0.050 g/cm <sup>3</sup>	--	--
Solubility in water:	Insoluble	--	--
Solubility in oil:	N.D.	--	--
Partition coefficient (n-octanol/water):		--	--
Auto-ignition temperature:	> 400 °C	--	--
Decomposition temperature:	N.D.	--	--
Viscosity:	> 20.5 mm <sup>2</sup> /s (40 °C)	--	--
Explosive properties:	N.D.	--	--
Oxidizing properties:	N.D.	--	--

#### 9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under recommended use and storage conditions (see point 7).

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

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

Avoid accumulating electrostatic charge.

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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### 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:

Xylene - CAS: 1330-20-7

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 6700 ppm - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 5627 mg/kg

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

Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m<sup>3</sup> - Source: OECD 403

Test: LD50 - Route: Oral - Species: Rat = 3492 mg/kg - Source: OECD 401

Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg - Source: OECD 402

acetone - CAS: 67-64-1

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 21.09 ppm - Duration: 8h

Test: LD50 - Route: Oral - Species: Rat = 5800 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 20 ml/kg

b) skin corrosion/irritation:

Test: Eye Irritant Positive

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

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m<sup>3</sup>

Test: LD50 - Route: Oral - Species: Rat = 3592 mg/kg

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

2-butanone oxime - CAS: 96-29-7

a) acute toxicity:

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

Test: LC50 - Route: Inhalation - Species: Rat > 10.5 mg/l - Duration: 4h

Naphtha - Hydrocarbons, C9-. C12, n-alkanes, isoalkanes, cyclics, <2% aromatics - CAS: 1174522-20-3

a) acute toxicity:

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

Test: LC50 - Route: Inhalation - Species: Rat > 5000 mg/l

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

Fatty acids C18 with oleylamine - CAS: 147900-93-4

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Route: Skin Positive

Xylene - CAS: 1330-20-7

Inhalation: Harmful if inhaled. Very high concentrations of xylene lead to the progressive inhibition of the central nervous system (CNS), followed by coma, respiratory weakness, and finally absence of cerebral blood flow and death. High concentrations cause coma and respiratory weakening, destabilize the function of the kidneys and lead to liver damage. At low concentrations, irritation of the eyes, nasopharynx, illness, irritation, slow reaction times and reduced short-term memory occur. Vapors of xylene can cause dizziness, headache, nausea, mental confusion. Ingestion: In the event of ingestion of xylene, the injured person has a burning sensation and stomach ache, in case of aspiration there is a danger of chemical pneumonitis and pulmonary edema. Skin Contact: May be harmful if absorbed through the skin. Causes skin irritation. Contact with eyes: Vapors of xylene and xylene in liquid form irritate the eyes and membranes.

Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6

Inhalation: Vapor concentrations above recommended exposure levels are irritating to the

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eyes and respiratory tract, may cause headaches and dizziness, are anesthetic and may cause other central nervous system effects. Contact with the skin: Low index of toxicity  
Frequent or prolonged contact can dry the skin favoring the onset of dermatitis. Eye Contact: May cause slight eye discomfort with mild irritation, but does not damage eye tissue.  
Ingestion: even small quantities of liquid introduced into the respiratory system during ingestion or by vomiting, can cause bronchopneumonia or pulmonary edema. minimal index of toxicity.

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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## SECTION 12: Ecological information

### 12.1. Toxicity

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

Xylene - 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 - Duration h: 504

Endpoint: NOEC - Species: Fish = 1.3 mg/l - Duration h: 1344

Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 3.2 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2.9 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 9.2 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae = 1 mg/l - Duration h: 72 - Notes: NOELR

acetone - CAS: 67-64-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 8120 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae = 530 mg/l - Duration h: 192

Endpoint: EC50 - Species: Daphnia = 8800 mg/l - Duration h: 48

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

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 3.2 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2.9 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 9.2 mg/l

Endpoint: EC50 - Species: Algae = 1 mg/l - Notes: NOEC

2-butanone oxime - CAS: 96-29-7

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 201 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 11.9 mg/l - Duration h: 72

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p-tert-butilfenolo - CAS: 98-54-4

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1.6 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia = 3.9 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 11.2 mg/l - Duration h: 72

12.2. Persistence and degradability

Non-readily biodegradable

12.3. Bioaccumulative potential

Not bioaccumulative

12.4. Mobility in soil

Do not mix with waste water, rain or surface water. Floats on water, evaporates from liquid and solid surfaces but a significant amount may penetrate and pollute water table.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

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### 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. DO NOT discharge into sewers, watercourses, ponds, canals or ditches. Empty product containers must be completely drained and stored safely until appropriately processed or disposed. Empty containers must be recycled, recovered or disposed of by a qualified and authorized company operating in compliance with current recycling, recovery and disposal regulations. It is advisable to provide the disposal company with all safety information of the material contained in the empty packaging. DO NOT pressurize, DO NOT cut, DO NOT weld, DO NOT puncture, DO NOT crush, DO NOT expose empty containers to heat, flames, sparks, electrostatic discharge or other sources of ignition.

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### SECTION 14: Transport information



Limited quantities, not subject to ADR norms for internal packaging of up to 5 litres and maximum packaging of 30kg.

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

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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	
ADR-Subsidiary hazards:	-
ADR-S.P.:	163 367 650
ADR-Transport category (Tunnel restriction code):	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary hazards:	-
IATA-Cargo Aircraft:	366
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-Page:	3372
IMDG-EmS:	F-E , S-E
IMDG-Subsidiary hazards:	-
IMDG-Stowage and handling:	Category A
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)
  - Regulation (EU) n. 2019/521 (ATP 12 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

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### Restriction 29

Volatile Organic compounds - VOCs =233.01 g/Kg= 370.49 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.19

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)

SVHC Substances:

Substances in candidate list (Art. 59 Reg. 1907/2006, REACH):

p-tert-butilfenolo

Endocrine disruptor (Environment)

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

Full text of phrases referred to in Section 3:

H361 Suspected of damaging fertility or the unborn child.

H335 May cause respiratory irritation.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

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

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

H225 Highly flammable liquid and vapour.

H361d Suspected of damaging the unborn child.

H351 Suspected of causing cancer.

H317 May cause an allergic skin reaction.

H302 Harmful if swallowed.

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. 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

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Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
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
Skin Sens. 1,1A,1B	3.4.2/1-1A-1B	Skin Sensitisation, Category 1,1A,1B
Carc. 2	3.6/2	Carcinogenicity, Category 2
Repr. 2	3.7/2	Reproductive toxicity, Category 2
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 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 2: Hazards identification
- SECTION 3: Composition/information on ingredients
- SECTION 4: First aid measures
- SECTION 5: Firefighting measures
- SECTION 6: Accidental release measures
- SECTION 7: Handling and storage
- SECTION 8: Exposure controls/personal protection
- SECTION 9: Physical and chemical properties
- SECTION 11: Toxicological information
- SECTION 12: Ecological information
- 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]:

<b>Classification according to Regulation (EC) Nr. 1272/2008</b>	<b>Classification procedure</b>
Flam. Liq. 3, H226	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method

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STOT RE 2, H373	Calculation method
Aquatic Chronic 3, H412	Calculation method

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

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 Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
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.
N.A.:	Not available
N.D.:	Not determined.
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