SAFETY DATA SHEET
According to SANS 10234, SANS 10228, SANS 11014 and Hazardous Chemical Substance Regs. (GNR. 1179 of 25 August 1995)

# Sika Primer – 3N

Revision Date 01.02.2021 Version 1.0 Print Date 01.02.2021

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

### 1.1 Product identifier

Trade name : Sika Primer-3N

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

Product use : Pretreatment agent, Primer

### 1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika South Africa (Pty) Ltd
9 Hocking Place
Westmead
3608 Pinetown
South Africa

Telephone : +27 (0)31 792 6500
Telefax : +27 (0)31 700 1760
E-mail address of person responsible for the SDS : headoffice@za.sika.com

### 1.4 Emergency telephone number

+27 82 490 9409

## SECTION 2: Hazards identification

Type of product : Mixture

### 2.1 Classification of the substance or mixture

**Classification (SANS 10234)**

| | |
|---|---|
| Flammable liquids, Category 2 | H225: Highly flammable liquid and vapour. |
| Eye irritation, Category 2 | H319: Causes serious eye irritation. |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness. |

### 2.2 Label elements

**Labelling (SANS 10234)**

Hazard pictograms :

Signal word : Danger

| | | |
|---|---|---|
| Hazard statements : | H225 | Highly flammable liquid and vapour. |
| | H319 | Causes serious eye irritation. |
| | H336 | May cause drowsiness or dizziness. |

| | | | |
|---|---|---|---|
| Supplemental Hazard Statements | : | EUH066 | Repeated exposure may cause skin dryness or cracking. |
| Precautionary statements | : | **Prevention:** | |
| | | P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| | | P233 | Keep container tightly closed. |
| | | P261 | Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. |
| | | P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| | | **Response:** | |
| | | P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. |
| | | P370 + P378 | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. |

Hazardous components which must be listed on the label:

ethyl acetate

**Additional Labelling:**

EUH208 Contains dibutyltin dilaurate. May produce an allergic reaction.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Hazardous components**

| Chemical name | CAS-No.<br>EC-No.<br>Registration number | Classification (SANS 10234) | Concentration (% w/w) |
|---|---|---|---|
| ethyl acetate | 141-78-6<br>205-500-4<br>01-2119475103-46-XXXX | Flam. Liq.2; H225<br>Eye Irrit.2; H319<br>STOT SE3; H336 | >= 40 - < 60 |
| xylene<br>Contains:<br>ethylbenzene <= 25 % | 1330-20-7<br>215-535-7<br>01-2119488216-32-XXXX | Flam. Liq.3; H226<br>Acute Tox.4; H332<br>Acute Tox.4; H312<br>Skin Irrit.2; H315<br>Eye Irrit.2; H319 | >= 5 - < 10 |

| | | | |
|---|---|---|---|
| | | STOT SE3; H335<br>STOT RE2; H373<br>Asp. Tox.1; H304<br>Aquatic Chronic3; H412 | |
| propan-2-ol | 67-63-0<br>200-661-7<br>01-2119457558-25-XXXX | Flam. Liq.2; H225<br>Eye Irrit.2; H319<br>STOT SE3; H336 | >= 5 - < 10 |
| ethylbenzene | 100-41-4<br>202-849-4<br>01-2119489370-35-XXXX | Flam. Liq.2; H225<br>Acute Tox.4; H332<br>STOT RE2; H373<br>Asp. Tox.1; H304 | >= 1 - < 2,5 |
| methanol | 67-56-1<br>200-659-6<br>01-2119433307-44-XXXX | Flam. Liq.2; H225<br>Acute Tox.3; H301<br>Acute Tox.3; H331<br>Acute Tox.3; H311<br>STOT SE1; H370 | < 1 |
| dibutyltin dilaurate | 77-58-7<br>201-039-8<br>01-2119496068-27-XXXX | Skin Corr.1C; H314<br>Skin Sens.1; H317<br>Muta.2; H341<br>Repr.1B; H360FD<br>STOT SE1; H370<br>STOT RE1; H372<br>Aquatic Acute1; H400<br>Aquatic Chronic1; H410 | >= 0,025 - < 0,25 |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.
Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.

In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.

Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Do not induce vomiting without medical advice.
Rinse mouth with water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

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

Symptoms : Excessive lachrymation
Erythema
Loss of balance
Vertigo
See Section 11 for more detailed information on health effects and symptoms.

Risks : irritant effects
Causes serious eye irritation.
May cause drowsiness or dizziness.
Repeated exposure may cause skin dryness or cracking.

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

Treatment : Treat symptomatically.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media**

Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO2)
Dry chemical

Unsuitable extinguishing media : Water

**5.2 Special hazards arising from the substance or mixture**

Hazardous combustion products : No hazardous combustion products are known

**5.3 Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Remove all sources of ignition.
Deny access to unprotected persons.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and material for containment and cleaning up

Methods for 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 (see section 13).

### 6.4 Reference to other sections

For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours or spray mist.
Avoid exceeding the given occupational exposure limits (see section 8).
Do not get in eyes, on skin, or on clothing.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharge.
Open drum carefully as content may be under pressure.
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).
Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not

smoke. Wash hands before breaks and at the end of workday.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.

Further information on storage stability : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

## SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**

**Occupational Exposure Limits**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|---|---|---|---|---|
| ethyl acetate | 141-78-6 | STEL | 400 ppm<br>1.468 mg/m3 | 2017/164/EU |
| | Further information: Indicative | | | |
| | | TWA | 200 ppm<br>734 mg/m3 | 2017/164/EU |
| | | TWA OEL-RL | 400 ppm<br>1.400 mg/m3 | ZA OEL |
| | Further information: Recommended Limit | | | |
| xylene | 1330-20-7 | TWA | 50 ppm<br>221 mg/m3 | 2000/39/EC |
| | Further information: Identifies the possibility of significant uptake through the skin, Indicative | | | |
| | | STEL | 100 ppm<br>442 mg/m3 | 2000/39/EC |
| | | STEL OEL-RL | 150 ppm<br>650 mg/m3 | ZA OEL |
| | Further information: Absorption through the skin, Recommended Limit | | | |
| | | TWA OEL-RL | 100 ppm<br>435 mg/m3 | ZA OEL |
| propan-2-ol | 67-63-0 | STEL OEL-RL | 500 ppm<br>1.225 mg/m3 | ZA OEL |
| | Further information: Absorption through the skin, Recommended Limit | | | |
| | | TWA OEL-RL | 400 ppm<br>960 mg/m3 | ZA OEL |
| ethylbenzene | 100-41-4 | TWA | 100 ppm<br>442 mg/m3 | 2000/39/EC |
| | Further information: Identifies the possibility of significant uptake through the skin, Indicative | | | |
| | | STEL | 200 ppm<br>884 mg/m3 | 2000/39/EC |
| | | TWA OEL-RL | 100 ppm | ZA OEL |

| | | | | |
|---|---|---|---|---|
| | | | 435 mg/m3 | |
| | Further information: Recommended Limit | | | |
| | | STEL OEL-RL | 125 ppm<br>545 mg/m3 | ZA OEL |
| methanol | 67-56-1 | TWA | 200 ppm<br>260 mg/m3 | 2006/15/EC |
| | Further information: Indicative, Identifies the possibility of significant uptake through the skin | | | |
| | | TWA OEL-RL | 200 ppm<br>260 mg/m3 | ZA OEL |
| | Further information: Absorption through the skin, Recommended Limit | | | |
| | | STEL OEL-RL | 250 ppm<br>310 mg/m3 | ZA OEL |

**Biological occupational exposure limits**

| Substance name | CAS-No. | Control parameters | Sampling time | Basis |
|---|---|---|---|---|
| xylene | 1330-20-7 | Methylhippuric acid: 1.5 g/g creatinine<br>(Urine) | End of shift | ZA BEI |
| | | Methylhippuric acid: 2 mg/l<br>(Urine) | Last 4 hours of shift | ZA BEI |
| ethylbenzene | 100-41-4 | Ethyl benzene:<br>(end exhaled air) | | ZA BEI |
| | | Mandelic acid: 1.5 g/g creatinine<br>(Urine) | End of shift at end of workweek | ZA BEI |
| methanol | 67-56-1 | Methanol: 15 mg/l<br>(Urine) | End of shift | ZA BEI |
| | | Formic acid: 80 mg/g Creatinine<br>(Urine) | Prior to last shift of workweek | ZA BEI |

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|---|---|---|---|---|
| methanol | Workers | Skin contact | | 40 mg/m3 |
| Remarks: | Exposure time: 8 h | | | |
| | Consumers | Skin contact | | 260 mg/m3 |
| Remarks: | Exposure time: 8 h | | | |

**8.2 Exposure controls**

**Personal protective equipment**

Eye protection : Safety glasses with side-shields conforming to EN166
Eye wash bottle with pure water

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu-

facturer specifications.

Suitable for short time use or protection against splashes:
Butyl rubber/nitrile rubber gloves (> 0,1 mm)
Contaminated gloves should be removed.
Suitable for permanent exposure:
Viton gloves (0.4 mm),
breakthrough time >30 min.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
organic vapor filter (Type A)
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | | |
|---|---|---|
| Appearance | : | liquid |
| Colour | : | colourless |
| Odour | : | very faint |
| Odour Threshold | : | No data available |
| pH | : | Not applicable substance/mixture is non-soluble (in water) |
| Melting point/range / Freezing point | : | No data available |
| Boiling point/boiling range | : | No data available |
| Flash point | : | ca. -4 °C<br>Method: closed cup |
| Evaporation rate | : | No data available |
| Flammability (solid, gas) | : | No data available |
| Upper explosion limit / Upper flammability limit | : | 7 %(V) |

| | | |
|---|---|---|
| Lower explosion limit / Lower flammability limit | : | 1 %(V) |
| Vapour pressure | : | 99,9915 hPa |
| Relative vapour density | : | No data available |
| Density | : | ca. 0,98 g/cm3 (20 °C) |
| Solubility(ies) | | |
| Water solubility | : | No data available |
| Solubility in other solvents | : | No data available |
| Partition coefficient: n-octanol/water | : | No data available |
| Auto-ignition temperature | : | 425 °C |
| Decomposition temperature | : | No data available |
| Viscosity | | |
| Viscosity, dynamic | : | ca. 10 mPa.s (20 °C) |
| Viscosity, kinematic | : | < 20,5 mm2/s (40 °C) |
| Explosive properties | : | No data available |
| Oxidizing properties | : | No data available |

**9.2 Other information**

No data available

## SECTION 10: Stability and reactivity

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

The product is chemically stable.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Stable under recommended storage conditions.

Vapours may form explosive mixture with air.

**10.4 Conditions to avoid**

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity**

Not classified based on available information.

**Components:**

**ethyl acetate:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat): > 5.000 mg/kg |
| Acute inhalation toxicity | : | LC50 (Rat): ca. 1.600 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour |
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): > 5.000 mg/kg |

**xylene:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat): 3.523 mg/kg |
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): 1.700 mg/kg |

**propan-2-ol:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat): < 5.000 mg/kg |
| Acute inhalation toxicity | : | LC50 (Rat): > 20 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour |
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): > 5.000 mg/kg |

**ethylbenzene:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat): 3.500 mg/kg |
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): 5.510 mg/kg |

**methanol:**

| | | |
|---|---|---|
| Acute inhalation toxicity | : | LC50: 3 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour<br>Method: Converted acute toxicity point estimate |

**dibutyltin dilaurate:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat): 2.071 mg/kg |

**Skin corrosion/irritation**

Repeated exposure may cause skin dryness or cracking.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.
Respiratory sensitisation: Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Components:**

**xylene:**

| | | |
|---|---|---|
| Toxicity to algae | : | EC50 (Pseudokirchneriella subcapitata (green algae)): 2,2 mg/l<br>Exposure time: 73 h<br>Method: OECD Test Guideline 201 |
| Toxicity to fish (Chronic toxicity) | : | NOEC: > 1,3 mg/l<br>Exposure time: 56 d<br>Species: Oncorhynchus mykiss (rainbow trout) |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC: 1,17 mg/l<br>Exposure time: 7 d<br>Species: Daphnia (water flea) |

**propan-2-ol:**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Pimephales promelas (fathead minnow)): 9.640 mg/l<br>Exposure time: 96 h |

Method: OECD Test Guideline 203

| | | |
|---|---|---|
| Toxicity to daphnia and other aquatic invertebrates | : | LC50 (Daphnia magna (Water flea)): 9.714 mg/l<br>Exposure time: 24 h<br>Method: OECD Test Guideline 202 |
| Toxicity to algae | : | EC50 (Scenedesmus capricornutum (fresh water algae)): > 100 mg/l<br>Exposure time: 72 h |

**ethylbenzene:**

| | | |
|---|---|---|
| M-Factor (Short-term (acute) aquatic hazard) | : | 1 |

**dibutyltin dilaurate:**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Fish): 3,1 mg/l<br>Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia (water flea)): 1 mg/l<br>Exposure time: 48 h |
| Toxicity to algae | : | EC50 (Selenastrum capricornutum (green algae)): 1 - 10 mg/l<br>Exposure time: 72 h |
| M-Factor (Short-term (acute) aquatic hazard) | : | 1 |
| M-Factor (Long-term (chronic) aquatic hazard) | : | 1 |

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

| | | |
|---|---|---|
| Assessment | : | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |

### 12.6 Other adverse effects

**Product:**

| | | |
|---|---|---|
| Endocrine disrupting poten- | : | The substance/mixture does not contain components consid- |

| | | |
|---|---|---|
| tial | | ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. |
| Additional ecological information | : | There is no data available for this product. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

| | | |
|---|---|---|
| Product | : | The generation of waste should be avoided or minimized wherever possible.<br>Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.<br>Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.<br>Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.<br>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| European Waste Catalogue | : | 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances |
| Contaminated packaging | : | 15 01 10* packaging containing residues of or contaminated by dangerous substances |

## SECTION 14: Transport information

### 14.1 UN number

| | | |
|---|---|---|
| **ADR** | : | UN 1866 |
| **IMDG** | : | UN 1866 |
| **IATA** | : | UN 1866 |

### 14.2 UN proper shipping name

| | | |
|---|---|---|
| **ADR** | : | RESIN SOLUTION |
| **IMDG** | : | RESIN SOLUTION |
| **IATA** | : | Resin solution |

### 14.3 Transport hazard class(es)

| | | |
|---|---|---|
| **ADR** | : | 3 |

**IMDG** : 3

**IATA** : 3

### 14.4 Packing group

**ADR**

| | | |
|---|---|---|
| Packing group | : | II |
| Classification Code | : | F1 |
| Hazard Identification Number | : | 33 |
| Labels | : | 3 |
| Tunnel restriction code | : | (D/E) |

**IMDG**

| | | |
|---|---|---|
| Packing group | : | II |
| Labels | : | 3 |
| EmS Code | : | F-E, S-E |

**IATA (Cargo)**

| | | |
|---|---|---|
| Packing instruction (cargo aircraft) | : | 364 |
| Packing instruction (LQ) | : | Y341 |
| Packing group | : | II |
| Labels | : | Flammable Liquids |

**IATA (Passenger)**

| | | |
|---|---|---|
| Packing instruction (passenger aircraft) | : | 353 |
| Packing instruction (LQ) | : | Y341 |
| Packing group | : | II |
| Labels | : | Flammable Liquids |

### 14.5 Environmental hazards

**ADR**

Environmentally hazardous : no

**IMDG**

Marine pollutant : no

**IATA (Passenger)**

Environmentally hazardous : no

**IATA (Cargo)**

Environmentally hazardous : no

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

| | | |
|---|---|---|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) | : | Conditions of restriction for the following entries should be considered: Number on list 3 |
| International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors | : | Not applicable |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). | : | None of the components are listed (=> 0.1 %). |
| REACH - List of substances subject to authorisation (Annex XIV) | : | Not applicable |
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer | : | Not applicable |
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast) | : | Not applicable |
| Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals | : | dibutyltin dilaurate |

REACH Information: All substances contained in our Products are
- registered by our upstream suppliers, and/or
- registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P5c FLAMMABLE LIQUIDS

Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV)
Volatile organic compounds (VOC) content: 66,34 %

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Volatile organic compounds (VOC) content: 66,6 %

**Other regulations:**

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

### 15.2 Chemical safety assessment

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

## SECTION 16: Other information

**Full text of H-Statements**

| | | |
|---|---|---|
| H225 | : | Highly flammable liquid and vapour. |
| H226 | : | Flammable liquid and vapour. |
| H301 | : | Toxic if swallowed. |
| H304 | : | May be fatal if swallowed and enters airways. |
| H311 | : | Toxic in contact with skin. |
| H312 | : | Harmful in contact with skin. |
| H314 | : | Causes severe skin burns and eye damage. |
| H315 | : | Causes skin irritation. |
| H317 | : | May cause an allergic skin reaction. |
| H319 | : | Causes serious eye irritation. |
| H331 | : | Toxic if inhaled. |
| H332 | : | Harmful if inhaled. |
| H335 | : | May cause respiratory irritation. |
| H336 | : | May cause drowsiness or dizziness. |
| H341 | : | Suspected of causing genetic defects. |
| H360FD | : | May damage fertility. May damage the unborn child. |
| H370 | : | Causes damage to organs. |
| H372 | : | Causes damage to organs through prolonged or repeated exposure if swallowed. |
| 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. |
| H412 | : | Harmful to aquatic life with long lasting effects. |

**Full text of other abbreviations**

| | | |
|---|---|---|
| Acute Tox. | : | Acute toxicity |
| Aquatic Acute | : | Short-term (acute) aquatic hazard |
| Aquatic Chronic | : | Long-term (chronic) aquatic hazard |
| Asp. Tox. | : | Aspiration hazard |
| Eye Irrit. | : | Eye irritation |
| Flam. Liq. | : | Flammable liquids |
| Muta. | : | Germ cell mutagenicity |
| Repr. | : | Reproductive toxicity |
| Skin Corr. | : | Skin corrosion |
| Skin Irrit. | : | Skin irritation |
| Skin Sens. | : | Skin sensitisation |
| STOT RE | : | Specific target organ toxicity - repeated exposure |
| STOT SE | : | Specific target organ toxicity - single exposure |
| ADR | : | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| CAS | : | Chemical Abstracts Service |
| DNEL | : | Derived no-effect level |
| EC50 | : | Half maximal effective concentration |
| GHS | : | Globally Harmonized System |
| IATA | : | International Air Transport Association |
| IMDG | : | International Maritime Code for Dangerous Goods |

| | | |
|---|---|---|
| LD50 | : | Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals) |
| LC50 | : | Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period) |
| MARPOL | : | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978 |
| OEL | : | Occupational Exposure Limit |
| PBT | : | Persistent, bioaccumulative and toxic |
| PNEC | : | Predicted no effect concentration |
| REACH | : | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC | : | Substances of Very High Concern |
| vPvB | : | Very persistent and very bioaccumulative |

| **Classification of the mixture:** | | **Classification procedure:** |
|---|---|---|
| Flam. Liq. 2 | H225 | Based on product data or assessment |
| Eye Irrit. 2 | H319 | Calculation method |
| STOT SE 3 | H336 | Calculation method |

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

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