



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010 - Europe

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

1.1 Product identifier

Product name : Regal (Polyurethane concrete floor paint, Universal Primer Undercoat, Antislip quick dry concrete floor paint, One coat paint, Decorative Gloss, Agricultural Oxide)
Product identity : REGAL LOA MSDS3
Product type : alkyd paint

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

Field of application : buildings & trims , metal industry, concrete and floors, ships and shipyards.
Identified uses : Industrial applications, Professional applications, Used by brush roller or spraying.

1.3 Details of the supplier of the safety data sheet

Company details : Industrial Protective Paints Ltd
Little Fox Holes Farm
Cellarhead, Stoke on Trent,
Staffs, ST9 0DG UK
Tel.: + 44 (0)1782550733
info@regalpaints.co.uk

1.4 Emergency telephone number

Emergency telephone number (with hours of operation)
+44 1782 550733 (08.00 - 17.00)

Date of issue : 12 January 2015

Date of previous issue : 8 October 2014

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

FLAMMABLE LIQUIDS - Category 3
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
AQUATIC HAZARD (LONG-TERM) - Category 2

Classification according to Directive 1999/45/EC [DPD]

Classification : R10
Xn; R48/20
R66, R67
N; R51/53

See Section 16 for the full text of the R-phrases declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H226 - Flammable liquid and vapor.
H336 - May cause drowsiness and dizziness.
H372 - Causes damage to organs through prolonged or repeated exposure.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements :

General : If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not breathe gas, vapour or spray. In case of inadequate ventilation wear respiratory protection.
Prevention : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Response : Get medical attention if you feel unwell. In case of fire: Use alcohol-resistant foam to extinguish.
Storage : Keep cool. Store locked up.

SECTION 2: Hazards identification

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazardous ingredients : white spirit

Supplemental label elements : Contains 2-butanone oxime and cobalt(2+) salts of C6-19 branched fatty acids. May produce an allergic reaction.

Special packaging requirements

Containers to be fitted with child-resistant fastenings : Not applicable.

Tactile warning of danger : Not applicable.

2.3 Other hazards

Other hazards which do not result in classification : None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Product/ingredient name | Identifiers | % | Classification | | Type | |
|--|---|-------------|---|--|------|---------|
| | | | 67/548/EEC | Regulation (EC) No. 1272/2008 [CLP] | | |
| white spirit | EC: 265-191-7 CAS: *64742-88-7 Index: 649-405-00-X | >=35 - <50 | R10 Xn; R48/20, R65 R66, R67 N; R51/53 | Flam. Liq. 3, H226 STOT SE 3, H336 (Narcotic effects) STOT RE 1, H372 (central nervous system (CNS)) (inhalation) Asp. Tox. 1, H304 Aquatic Chronic 2, H411 | - | [1] [2] |
| xylene | REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7 Index: 601-022-00-9 | >=1 - <5 | R10 Xn; R20/21 Xi; R38 | Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 | C | [1] [2] |
| 2-butanone oxime | REACH #: 01-2119539477-28 EC: 202-496-6 CAS: 96-29-7 Index: 616-014-00-0 | >=0.1 - <1 | Carc. Cat. 3; R40 Xn; R21 Xi; R41 R43 | Acute Tox. 4, H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351 | - | [1] |
| cobalt(2+) salts of C6-19 branched fatty acids | EC: 270-066-5 CAS: 68409-81-4 | >=0.25 - <1 | Xn; R22 Xi; R38 R43 | Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 | - | [1] |
| zirconium octoate | EC: 245-018-1 CAS: 22464-99-9 | <0.5 | N; R51/53 Repr. Cat. 3; R63 | Aquatic Chronic 2, H411 Repr. 2, H361fd (Fertility and Unborn child) | - | [1] [2] |
| | | | See Section 16 for the full text of the R-phrases declared above. | See Section 16 for the full text of the H statements declared above. | | |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard
 [2] Substance with a workplace exposure limit, see section 8.
 [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
 [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
 [5] Substance of equivalent concern

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|------------------------------|--|
| General : | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 999 and give immediate treatment (first aid). |
| Eye contact : | Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. In all cases of doubt, or when symptoms persist, seek medical attention. |
| Inhalation : | Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice. |
| Skin contact : | Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. |
| Ingestion : | If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting unless directed to do so by medical personnel. Lower the head so that vomit will not re-enter the mouth and throat. |
| Protection of first-aiders : | No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

| | |
|----------------|--|
| Eye contact : | No known significant effects or critical hazards. |
| Inhalation : | Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. |
| Skin contact : | No known significant effects or critical hazards. |
| Ingestion : | Can cause central nervous system (CNS) depression. |

Over-exposure signs/symptoms

| | |
|----------------|---|
| Eye contact : | No specific data. |
| Inhalation : | Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness |
| Skin contact : | No specific data. |
| Ingestion : | No specific data. |

4.3 Indication of any immediate medical attention and special treatment needed

| | |
|-----------------------|---|
| Notes to physician : | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| Specific treatments : | No specific treatment. |

SECTION 5: Firefighting measures

5.1 Extinguishing media

| | |
|-----------------------|---|
| Extinguishing media : | Recommended: alcohol resistant foam, CO ₂ , powders, water spray. Not to be used: waterjet. |
|-----------------------|---|

5.2 Special hazards arising from the substance or mixture

| | |
|---|--|
| Hazards from the substance or mixture : | Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
| Hazardous combustion products : | Decomposition products may include the following materials: carbon oxides metal oxide/oxides |

SECTION 5: Firefighting measures

5.3 Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid all direct contact with the spilled material. Exclude sources of ignition and be aware of explosion hazard. Ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8. No action shall be taken involving any personal risk or without suitable training. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

6.3 Methods and materials for containment and cleaning up

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use spark-proof tools and explosion-proof equipment. Contaminated absorbent material may pose the same hazard as the spilled product.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits. In addition, the product should be used only in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. To dissipate static electricity during transfer, ground container and connect to receiving container with bonding strap. No sparking tools should be used.

Avoid inhalation of vapour, dust and spray mist. Avoid contact with skin and eyes. Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Appropriate personal protective equipment: see Section 8. Always keep in containers made from the same material as the original one.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a cool, well-ventilated area away from incompatible materials and ignition sources. Keep out of the reach of children. Keep away from: Oxidizing agents, strong alkalis, strong acids. No smoking. Prevent unauthorized access. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

See separate Product Data Sheet for recommendations or industrial sector specific solutions.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| Product/ingredient name | Exposure limit values |
|-------------------------|--|
| white spirit | EU OEL (Europe). (ACGIH) TWA: 25 ppm 8 hours. (ACGIH) TWA: 145 mg/m ³ 8 hours. |
| xylene | EU OEL (Europe, 12/2009). Absorbed through skin. STEL: 442 mg/m ³ 15 minutes. STEL: 100 ppm 15 minutes. TWA: 221 mg/m ³ 8 hours. TWA: 50 ppm 8 hours. |
| zirconium octoate | EU OEL (Europe, 2010). TWA: 5 mg/m ³ , (as Zr) 8 hours. |

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Derived effect levels

No DNELs/DMELs available.

Predicted effect concentrations

No PNECs available.

8.2 Exposure controls Appropriate

engineering controls

Arrange sufficient ventilation by local exhaust ventilation and good general ventilation to keep the airborne concentrations of vapors or dust lowest possible and below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Individual protection measures

General :

Gloves must be worn for all work that may result in soiling. Apron/coveralls/protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. Safety eyewear should be used when there is a likelihood of exposure.



Hygiene measures :

Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of day.

Eye/face protection :

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Hand protection :

Wear chemical-resistant gloves (tested to EN374) in combination with 'basic' employee training. The quality of the chemical-resistant protective gloves must be chosen as a function of the specific workplace concentrations and quantity of hazardous substances.

Since the actual work situation is unknown. Supplier of gloves should be contacted in order to find the appropriate type. Below listed glove(s) should be regarded as generic advice:

Recommended: Silver Shield / 4H gloves, polyvinyl alcohol (PVA), Viton®

May be used: nitrile rubber

Not recommended: neoprene rubber, butyl rubber, natural rubber (latex), polyvinyl chloride (PVC)

SECTION 8: Exposure controls/personal protection

| | |
|--------------------------|--|
| Body protection : | Personal protective equipment for the body should be selected based on the task being performed and the risks involved handling this product. Wear suitable protective clothing. Always wear protective clothing when spraying. |
| Respiratory protection : | If working areas have insufficient ventilation: When the product is applied by means that will not generate an aerosol such as, brush or roller wear half or totally covering mask equipped with gas filter of type A, when grinding use particle filter of type P. When the product is applied by spraying and for continuous or prolonged work always wear an air-fed respirator e.g. hood with supply of fresh or compressed air or a full face, powered air purifying filter. Be sure to use an approved/certified respirator or equivalent. |

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|---|
| Physical state | Liquid. |
| : Color : | Various. |
| Odor : | Solvent-like |
| pH : | Testing not relevant or not possible due to nature of the product. - |
| Melting point/freezing point | 49°C This is based on data for the following ingredient: white spirit |
| : Boiling point/boiling range | Testing not relevant or not possible due to nature of the product. |
| : Flash point : | Closed cup: 38°C (100.4°F) |
| Evaporation rate : | Testing not relevant or not possible due to nature of the product. |
| Flammability : | Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat. |
| Lower and upper explosive (flammable) limits : | 0.6 - 6.7 vol % |
| Vapor pressure : | 0.4 kPa This is based on data for the following ingredient: white |
| Vapor density : | spirit Testing not relevant or not possible due to nature of the |
| Relative density : | product. 0.996 g/cm ³ |
| Solubility(ies) : | Very slightly soluble in the following materials: cold water and hot |
| Partition coefficient (LogKow) | water. Testing not relevant or not possible due to nature of the product. |
| : Auto-ignition temperature : | Lowest known value: >220°C (>428°F) (white spirit). |
| Decomposition temperature : | Testing not relevant or not possible due to nature of the product. |
| Viscosity : | Testing not relevant or not possible due to nature of the product. |
| Explosive properties : | Explosive in the presence of the following materials or conditions: open flames, sparks and static discharge and heat. |
| Oxidizing properties : | Testing not relevant or not possible due to nature of the product. |

9.2 Other information

| | |
|------------------------|---|
| Solvent(s) % by weight | Weighted average: 50 % Weighted average: 0 % - 430.8 g/l – |
| : Water % by weight : | average varies with colour - refer to specific technical data sheet |
| VOC content : | Weighted average: 367 g/l varies with colour refer to specific technical data sheet |
| TOC Content : | Weighted average: 0.075 m ³ /l |
| Solvent Gas : | |

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

The product is stable.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

10.5 Incompatible materials

Reactive or incompatible with the following materials: oxidizing materials and acids.
Slightly reactive or incompatible with the following materials: reducing materials.

10.6 Hazardous decomposition products

When exposed to high temperatures (i.e. in case of fire) harmful decomposition products may be formed: Decomposition products may include the following materials: carbon oxides metal oxide/oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Exposure to component solvent vapour concentrations may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Solvents may cause some of the above effects by absorption through the skin. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage. Accidental swallowing may cause stomach pain. Chemical lung inflammation may occur if the product is taken into the lungs via vomiting.

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|---------------------------------|---------|-------------------------|----------|
| xylene | LC50 Inhalation Gas. | Rat | 5000 ppm | 4 hours |
| | LC50 Inhalation Vapor | Rat | 6350 ppm | 4 hours |
| | LD50 Dermal | Rabbit | >2000 mg/kg | - |
| 2-butanone oxime | LD50 Oral | Rat | 4300 mg/kg | - |
| | LD50 Dermal | Rabbit | 1001 mg/kg | - |
| | LD50 Oral | Rat | 930 mg/kg | - |
| zirconium octoate | LC50 Inhalation Dusts and mists | Rat | >8800 mg/m ³ | 1 hours |
| | LD50 Dermal | Rabbit | >2000 mg/kg | - |
| | LD50 Oral | Rat | >2000 mg/kg | - |

Acute toxicity estimates

| Route | ATE value |
|--------------------|---------------|
| Dermal | 56355.3 mg/kg |
| Inhalation (gases) | 256160.7 ppm |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure |
|-------------------------|--------------------------|---------|-------|-------------------------|
| xylene | Eyes - Severe irritant | Rabbit | - | 24 hours 5 milligrams |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 500 milligrams |
| 2-butanone oxime | Eyes - Severe irritant | Rabbit | - | 100 microliters |

Specific target organ toxicity (single exposure)

| Product/ingredient name | Category | Route of exposure | Target organs |
|-------------------------|------------|-------------------|------------------|
| white spirit | Category 3 | Not applicable. | Narcotic effects |

SECTION 11: Toxicological information

Specific target organ toxicity (repeated exposure)

| Product/ingredient name | Category | Route of exposure | Target organs |
|-------------------------|------------|-------------------|------------------------------|
| white spirit | Category 1 | Inhalation | central nervous system (CNS) |

Aspiration hazard

| Product/ingredient name | Result |
|-------------------------|--------------------------------|
| white spirit | ASPIRATION HAZARD - Category 1 |

Information on the likely routes of exposure

Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential chronic health effects

| Product/ingredient name | Carcinogenic effects | Mutagenic effects | Developmental effects | Fertility effects |
|---------------------------------------|----------------------|-------------------|------------------------------------|---------------------------------|
| 2-butanone oxime zirconium octoate | Carc. 2, H351 - | - - | - Repr. 2, H361d (Unborn child) | - Repr. 2, H361f (Fertility) |

Sensitization : Contains 2-butanone oxime, cobalt(2+) salts of C6-19 branched fatty acids. May produce an allergic reaction.

Other information : No additional known significant effects or critical hazards.

SECTION 12: Ecological information

12.1 Toxicity

Do not allow to enter drains or watercourses. Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

| Product/ingredient name | Test | Result | Dose | Inoculum |
|-------------------------|------|---------------------------|------|----------|
| xylene | - | >60 % - Readily - 28 days | - | - |

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| xylene | - | - | Readily |

12.3 Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|-------------------------|--------------------|-------------|-----------|
| xylene | 3.12 | 8.1 to 25.9 | low |
| 2-butanone oxime | 0.63 | 2.5 to 5.8 | low |

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : No known data available in our database.

Mobility : No known data available in our database.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Residues of the product is listed as hazardous waste. Dispose of according to all state and local applicable regulations. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Spillage, remains, discarded clothes and similar should be discarded in a fireproof container.

European waste catalogue no. (EWC) is given below.






European waste catalogue (EWC) : 08 01 11*

Packaging

The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: Transport information

Transport may take place according to national regulation or ADR for transport by road, RID for transport by train, IMDG for transport by sea, IATA for transport by air.

| | 14.1 UN no. | 14.2 Proper shipping name | 14.3 Transport hazard class(es) | 14.4 PG* | 14.5 Env* | Additional information |
|----------------------|----------------|------------------------------|---|-------------|--------------|---|
| ADR/RID Class | UN1263 | PAINT | 3 -   | III | Yes. | The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg. Special provisions 640 (E) Tunnel code (D/E) |
| IMDG Class | UN1263 | PAINT. (white spirit) | 3 -   | III | Yes. | The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. Emergency schedules (EmS) F-E, S-E |
| IATA Class | UN1263 | PAINT | 3 -  | III | No. | The environmentally hazardous substance mark may appear if required by other transportation regulations. |

PG* : Packing group

Env.* : Environmental hazards

14.6 Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization - Substances of very high concern

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

SECTION 15: Regulatory information

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not applicable.

Other EU regulations

Seveso category This product is controlled under the Seveso III Directive.

Seveso category

P5c: Flammable liquids 2 and 3 not falling under P5a or P5b
E2: Hazardous to the aquatic environment - Chronic 2
C6: Flammable (R10)
C9ii: Toxic for the environment

15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

| | |
|--|--|
| Abbreviations and acronyms : | ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] EUH statement = CLP-specific Hazard statement RRN = REACH Registration Number DNEL = Derived No Effect Level PNEC = Predicted No Effect Concentration |
| Full text of abbreviated R phrases : | R10- Flammable. R40- Limited evidence of a carcinogenic effect. R63- Possible risk of harm to the unborn child. R21- Harmful in contact with skin. R22- Harmful if swallowed. R20/21- Harmful by inhalation and in contact with skin. R48/20- Harmful: danger of serious damage to health by prolonged exposure through inhalation. R65- Harmful: may cause lung damage if swallowed. R41- Risk of serious damage to eyes. R38- Irritating to skin. R43- May cause sensitization by skin contact. R66- Repeated exposure may cause skin dryness or cracking. R67- Vapors may cause drowsiness and dizziness. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| Full text of classifications [DSD/DPD] : | Carc. Cat. 3 - Carcinogen category 3 Repr. Cat. 3 - Toxic to reproduction category 3 Xn - Harmful Xi - Irritant N - Dangerous for the environment |
| Full text of abbreviated H statements : | H226 Flammable liquid and vapor. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H312 (dermal) Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H332 (inhalation) Harmful if inhaled. H336 (Narcotic effects) May cause drowsiness and dizziness. (Narcotic effects) H351 Suspected of causing cancer. H361fd (Fertility and Unborn child) Suspected of damaging fertility. Suspected of damaging the unborn child. H372 Causes damage to organs through prolonged or repeated exposure. H372 (central nervous system (CNS)) (inhalation) Causes damage to organs through prolonged or repeated exposure if inhaled. (central nervous system (CNS)) H411 Toxic to aquatic life with long lasting effects. |

SECTION 16: Other information

| | | |
|--|---|---|
| Full text of classifications [CLP/GHS] : | Acute Tox. 4, H302 | ACUTE TOXICITY (oral) - Category 4 |
| | Acute Tox. 4, H312 | ACUTE TOXICITY (dermal) - Category 4 |
| | Acute Tox. 4, H332 | ACUTE TOXICITY (inhalation) - Category 4 |
| | Aquatic Chronic 2, H411 | AQUATIC HAZARD (LONG-TERM) - Category 2 |
| | Asp. Tox. 1, H304 | ASPIRATION HAZARD - Category 1 |
| | Carc. 2, H351 | CARCINOGENICITY - Category 2 |
| | Eye Dam. 1, H318 | SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 |
| | Flam. Liq. 3, H226 | FLAMMABLE LIQUIDS - Category 3 |
| | Repr. 2, H361fd (Fertility and Unborn child) | TOXIC TO REPRODUCTION (Fertility and Unborn child) - Category 2 |
| | Skin Irrit. 2, H315 | SKIN CORROSION/IRRITATION - Category 2 |
| | Skin Sens. 1, H317 | SKIN SENSITIZATION - Category 1 |
| | STOT RE 1, H372 | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 |
| | STOT RE 1, H372 (central nervous system (CNS)) (inhalation) | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (central nervous system (CNS)) (inhalation) - Category 1 |
| | STOT SE 3, H336 (Narcotic effects) | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 |

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification | Justification |
|--|-----------------------|
| FLAMMABLE LIQUIDS - Category 3 | On basis of test data |
| SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 | Calculation method |
| SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 | Calculation method |
| AQUATIC HAZARD (LONG-TERM) - Category 2 | Calculation method |

Notice to reader

🔹 Indicates information that has changed from previously issued version.

The information contained in this safety data sheet is based on the present state of knowledge and EU and national legislation. It provides guidance on health, safety and environmental aspects for handling the product in a safe way and should not be construed as any guarantee of the technical performance or suitability for particular applications.

It is always the duty of the user/employer to ascertain that the work is planned and carried out in accordance with the national regulations and safe working practice and ensure that the product is suitable for the intended use and application conditions.