

## SAFETY DATA SHEET

# 515/Q113 - 2 PACK ZINC PHOSPHATE PRIMER - ACTIVATOR FOR RED & WHITE

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of the	ne substance/mixture and of the company/undertaking	
1.1. Product identifier		
Product name	515/Q113 - 2 PACK ZINC PHOSPHATE PRIMER - ACTIVATOR FOR RED & WHITE	
Product number	515/Q113/24 & 1 - ACTIVATOR	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Identified uses	Paint.	
1.3. Details of the supplier of the safety data sheet		
Supplier	TEAL & MACKRILL LIMITED LOCKWOOD STREET HULL HU2 0HN +44(0)1482 320194(T) +44(0)1482 219266(F) info@teamac.co.uk	
Contact person	Technical Department -, 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri, as above	
1.4. Emergency telephone number		
Emergency telephone	+44 (0) 1482 320194 Teamac (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)	
SDS No.	10845	
SECTION 2: Hazards identification	ation	
2.1. Classification of the subst	ance or mixture	
Classification (EC 1272/2008)		
Physical hazards	Flam. Liq. 3 - H226	
Health hazards	Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318	
Environmental hazards	Not Classified	
Classification (67/548/EEC or 1999/45/EC)		
Human health	The product contains a small amount of sensitising substance. May cause skin sensitisation or allergic reactions in sensitive individuals.	
Physicochemical	When handled correctly, undamaged units represent no danger.	
2.2. Label elements		

Harmful in contact with skin or if inhaled.

Hazard pictograms	
Signal word	Danger
Hazard statements	H312+H332 Harmful in contact with s H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage.
Precautionary statements	P102 Keep out of reach of children

	H318 Causes serious eye damage.
Precautionary statements	<ul> <li>P102 Keep out of reach of children.</li> <li>P101 If medical advice is needed, have product container or label at hand.</li> <li>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P261 Avoid breathing vapour/ spray.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.</li> <li>Rinse skin with water or shower.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P337+P313 If eye irritation persists: Get medical advice/ attention.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Contains	XYLENE, 2-METHYLPROPAN-1-OL
Supplementary precautionary statements	P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P370+P378 In case of fire: Use alcohol resistant foam, carbon dioxide or dry powder to extinguish. P403+P235 Store in a well-ventilated place. Keep cool.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients			
3.2. Mixtures			
XYLENE		30-40%	
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-	
		2119488216-32-xxxx	
Classification	Classification (67/548/EEC or 1999/45/EC)		
Flam. Liq. 3 - H226	Xn;R20/21,	Xn;R20/21,R65. Xi;R36/37/38. R10.	
Acute Tox. 4 - H312			
Acute Tox. 4 - H332			
Skin Irrit. 2 - H315			

2-METHYLPROPAN-1-OL		5-10%	
CAS number: 78-83-1	EC number: 201-148-0	REACH registration number: 01- 2119484609-23-XXXX	
Classification			
Flam. Liq. 3 - H226			
Skin Irrit. 2 - H315			
Eye Dam. 1 - H318			
STOT SE 3 - H335, H336			
The Full Text for all R-Phrase SECTION 4: First aid measure	s and Hazard Statements are Displayed in Se	ction 16.	
4.1. Description of first aid me			
General information		warm and at rest in a position comfortable for	
	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person.		
Inhalation	Remove affected person from source of cor	tamination. Move affected person to fresh air and	
	keep warm and at rest in a position comfortable for breathing. Get medical attention if any		
	discomfort continues. Place unconscious pe ensure breathing can take place.	erson on their side in the recovery position and	
Ingestion	<b>stion</b> Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention if any discomfort continues.		
Skin contact	Remove affected person from source of contamination. Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.		
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.		
4.2. Most important symptoms	s and effects, both acute and delayed		
General information	Get medical attention promptly if symptoms	occur after washing.	
4.3. Indication of any immedia	te medical attention and special treatment ne	eded	
Notes for the doctor	No specific recommendations. If in doubt, g	et medical attention promptly.	
SECTION 5: Firefighting meas	sures		
5.1. Extinguishing media			
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire. Extinguish with the following media: Water spray, fog or mist. Foam, carbon dioxide or dry powder.		
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.		
5.2. Special hazards arising fr	om the substance or mixture		
Specific hazards	Toxic gases or vapours.		
5.3. Advice for firefighters			
Protective actions during	Avoid breathing fire gases or vapours. Cont	ainers close to fire should be removed or cooled	

**Special protective equipment** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures			
6.1. Personal precautions, pro	stective equipment and emergency procedures		
Personal precautions	Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.		
6.2. Environmental precaution			
Environmental precautions	Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.		
6.3. Methods and material for	containment and cleaning up		
Methods for cleaning up	Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.		
6.4. Reference to other sections			
Reference to other sections	For personal protection, see Section 8.		
SECTION 7: Handling and storage			
7.1. Precautions for safe hand	lling		
Usage precautions	Avoid inhalation of vapours. Avoid spilling. Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. The Manual Handling Operations Regulations may apply to the handling of containers of this product. For products sold by weight refer to the guide net weight indicated on the container. Allowance will have to be made for the immediate packaging to give an approximate gross weight.		
7.2. Conditions for safe storage	e, including any incompatibilities		
Storage precautions	Store in tightly closed original container in a dry, cool and well-ventilated place. Store in closed original container at temperatures between 5°C and 25°C. Protect from freezing and direct sunlight. Keep containers upright.		
7.3. Specific end use(s)			
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.		
Usage description	Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.		
SECTION 8: Exposure controls/Personal protection			

### 8.1. Control parameters

### Occupational exposure limits

### XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

### 2-METHYLPROPAN-1-OL

Long-term exposure limit (8-hour TWA): WEL 50 ppm 154 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 75 ppm 231 mg/m<sup>3</sup> WEL = Workplace Exposure Limit

### XYLENE (CAS: 1330-20-7)

Workers - Inhalation; Long term local effects: 310 mg/m<sup>3</sup> Consumer - Inhalation; Short term local effects: 55 mg/m<sup>3</sup>

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational

eye contact is possible. The following protection should be worn: Chemical splash goggles.

To protect hands from chemicals, gloves should comply with European Standards EN388 and 374. As a general principle, exposure should be managed by means other than the provision of protective gloves. Manufacturer's performance data suggest that the optimum glove for use should be: Viton rubber (fluoro rubber). Thickness: > 0.2 mm Permeation breakthrough time according to EN374 - class: (1-6) e.g. minimum 480 mins. or Polyvinyl alcohol (PVA).

Thickness: 0.2 - 0.3 mm Permeation breakthrough time according to EN374 - class: (1-6) e.g. minimum 240 mins. or Polyethylene. Thickness: > 0.062 mm Permeation breakthrough time according to EN374 - class: (1-6) e.g. minimum 480 mins. Caution: The performance of gloves under actual working conditions can be significantly affected by many factors and the information provided according to EN374 may not accord with what is achieved in practice. We recommend that expert professional advice is sought that takes into account of the work processes and working environment applicable for each task where gloves are to be worn.

DNEL	Consumer - Oral; Long term systemic effects: 1.6 mg/kg/day Consumer - Dermal; Long term systemic effects: 108 mg/kg/day Consumer - Inhalation; Long term systemic effects: 14.8 mg/m <sup>3</sup> Industry - Dermal; Long term systemic effects: 180 mg/kg/day Industry - Inhalation; Long term systemic effects: 77 mg/m <sup>3</sup> Industry - Inhalation; Short term local effects: 289 mg/m <sup>3</sup>
PNEC	<ul> <li>Fresh water; 0.327 mg/l</li> <li>marine water; 0.327 mg/l</li> <li>Intermittent release; 0.327 mg/l</li> <li>Sediment (Freshwater); 12.46 mg/kg</li> <li>Sediment (Marinewater); 12.46 mg/kg</li> <li>Soil; 2.31 mg/kg</li> <li>STP; 6.58 mg/kg</li> </ul>
	2-METHYLPROPAN-1-OL (CAS: 78-83-1)

exposure limits for the product or ingredients.

#### DNEL

#### 8.2. Exposure controls

#### Protective equipment



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Appropriate engineering controls

Personal protection

Eye/face protection

Hand protection

Unprotected persons should be kept away from treated areas. Eyewear complying with an approved standard should be worn if a risk assessment indicates

Other skin and body protection

Wear appropriate clothing to prevent reasonably probable skin contact.

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Hygiene measures	Use engineering controls to reduce air contamination to permissible exposure level. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection	Respiratory protection may be required if excessive airborne contamination occurs. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3).

### SECTION 9: Physical and chemical properties

9.1. Information on basic physic	ical and chemical properties	
Appearance	Clear liquid.	
Colour	Amber.	
Odour	Amine.	
Odour threshold	Not determined.	
рН	Technically not feasible.	
Melting point	Not determined.	
Initial boiling point and range	Not determined.	
Flash point	25°C Closed cup.	
Evaporation rate	Not determined.	
Evaporation factor	Not determined.	
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 1.1 (xylene) g/100 g Upper flammable/explosive limit: 7.0 (xylene) g/100 g	
Other flammability	Not determined.	
Vapour pressure	Not determined.	
Vapour density	heavier than air	
Relative density	1.0 - 1.4 @ 20°C	
Solubility(ies)	Insoluble in water	
Partition coefficient	Not determined.	
Auto-ignition temperature	270 (xylene)°C	
Decomposition Temperature	Not determined.	
Viscosity	1.0 - 3.0 (cone and Plate) P @ 25°C	
Explosive properties	Not determined.	
Explosive under the influence of a flame	Not considered to be explosive.	
Oxidising properties	Not determined.	
9.2. Other information		
Volatile organic compound	EU: (cat A/j): 500 g/l 2010. This product contains a maximum VOC content of 500 g/l.	
SECTION 10: Stability and reactivity		
10.1. Reactivity		

Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability		
Stability	Stable at normal ambient temperatures and when used as recommended.	
10.3. Possibility of hazardous	reactions	
Possibility of hazardous reactions	Will not occur	
10.4. Conditions to avoid		
Conditions to avoid	Not known.	
10.5. Incompatible materials		
Materials to avoid	Strong acids. Alkalis - inorganic. Amines. Mercaptans (thiols).	
10.6. Hazardous decompositio	n products	
Hazardous decomposition products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.	
SECTION 11: Toxicological information		
11.1. Information on toxicologic	cal effects	
Toxicological effects	No data recorded.	
Acute toxicity - dermal		
ATE dermal (mg/kg)	1,100.0	
Acute toxicity - inhalation		
ATE inhalation (vapours mg/l)	11.0	
General information	No specific health hazards known.	
Inhalation	May cause respiratory system irritation.	
Ingestion	Harmful if swallowed. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.	
Skin contact	Irritating to skin. May cause sensitisation by skin contact.	
Eye contact	Irritating to eyes.	
Acute and chronic health hazards	May cause sensitisation by skin contact. Delayed appearance of the complaints and development of hypersensitivity (difficulty breathing, coughing, asthma) are possible.	
Route of exposure	Inhalation Skin absorption. Ingestion. Skin and/or eye contact.	
Medical considerations	Skin disorders and allergies.	
Toxicological information on in	gredients.	
	XYLENE	
Acute toxicity - or		

Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	3,523.0
Species	Rat
ATE oral (mg/kg)	3,523.0
Acute toxicity - dermal	

ATE dermal (mg/kg)	1,100.0			
Acute toxicity - inhalation				
ATE inhalation (vapours mg/l)	11.0			
Serious eye damage/irritation				
Serious eye damage/irritation	Severely irritating to skin. Irritation of eyes is assumed. No testing is needed.			
Respiratory sensitisation				
Respiratory sensitisation	Not sensitising.			
Skin sensitisation				
Skin sensitisation	Not sensitising.			
Carcinogenicity				
Carcinogenicity	There is no evidence that the product can cause cancer.			
Reproductive toxicity				
Reproductive toxicity - fertility	This substance has no evidence of toxicity to reproduction.			
Aspiration hazard				
Aspiration hazard	Kinematic viscosity <= 20.5 mm2/s.			
Inhalation	Harmful by inhalation.			
Ingestion	Pneumonia may be the result if vomited material containing solvents reaches the lungs.			
Skin contact	Harmful in contact with skin.			
Eye contact	May cause severe eye irritation.			
Target organs	Central nervous system Liver			
	2-METHYLPROPAN-1-OL			
Acute toxicity - oral				
Acute toxicity oral (LD <sub>50</sub> mg/kg)	2,830.0			
Species	Rat			
ATE oral (mg/kg)	2,830.0			
Acute toxicity - dermal				
Acute toxicity dermal (LD₅ mg/kg)	2,100.0			
Species	Rat			
ATE dermal (mg/kg)	2,100.0			
Skin corrosion/irritation				

Animal data Non Corrosive to skin.

	Skin sensitisation	
	Skin sensitisation	Not sensitising.
	Germ cell mutagenicity	
	Genotoxicity - in vivo	Data lacking.
	Carcinogenicity	
	Carcinogenicity	No evidence of carcinogenicity in animal studies
	Reproductive toxicity	
	Reproductive toxicity - development	Data lacking.
	Inhalation	Irritating to respiratory system.
	Eye contact	May cause severe eye irritation.
SECTION 1	2: Ecological information	
Ecotoxicity	There a	are no data on the ecotoxicity of this product.
	nformation on ingredients.	
	mormation on ingredients.	
		XYLENE
	Ecotoxicity	The product is not expected to be hazardous to the environment.
12.1. Toxici		
Ecological i	nformation on ingredients.	
		XYLENE
	Acute aquatic toxicity	
	Acute toxicity - fish	LC₅₀, 96 hours: 2.6 mg/l, Fish
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 3.62 mg/l, Daphnia magna
	Acute toxicity - aquatic plants	IC₅₀, 72 hours: 3.2 mg/l, Algae
		2-METHYLPROPAN-1-OL
	Acute aquatic toxicity	
	Acute toxicity - fish	LC₅₀, 96 hours: 1430 mg/l, Fish
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 1100 mg/l, Daphnia magna
	Acute toxicity - aquatic plants	EC₅₀, 72 hours: 593 mg/l, Pseudokirchneriella subcapitata
	Acute toxicity - microorganisms	IC₅₀, 16 hours: >1000 mg/l, Activated sludge
12.2. Persis	stence and degradability	
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Persistence and degradability No data available.

### Ecological information on ingredients.

	XYLENE
Persistence and degradability	The product is readily biodegradable.
12.3. Bioaccumulative potentia	<u>I</u>
Bioaccumulative potential	No data available on bioaccumulation.
Partition coefficient	Not determined.
Ecological information on ingre	edients.
	XYLENE
Partition coefficie	nt log Kow: 3.12 - 3.2
12.4. Mobility in soil	
Mobility	The product is non-volatile.
12.5. Results of PBT and vPvE	3 assessment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Ecological information on ingre	edients.
	XYLENE
Results of PBT an assessment	<b>nd vPvB</b> This substance is not classified as PBT or vPvB according to current EU criteria.
40.0.04	
12.6. Other adverse effects	
	Not determined.
Other adverse effects	
Other adverse effects	erations
Other adverse effects SECTION 13: Disposal conside	erations
Other adverse effects SECTION 13: Disposal conside 13.1. Waste treatment method	erations <u>s</u> Avoid the spillage or runoff entering drains, sewers or watercourses. Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered. DO NOT reuse
Other adverse effects SECTION 13: Disposal conside 13.1. Waste treatment method General information	Avoid the spillage or runoff entering drains, sewers or watercourses. Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered. DO NOT reuse containers containing residual product without commercial cleaning When this material, in its liquid state, as supplied, becomes a waste, it is categorised as a hazardous waste, with code 08 01 11* (EPOXY BASED LIQUID WASTE). Part-used containers, not drained and/or rigorously scraped out and containing residues of the supplied material, are categorised as hazardous waste, with code 08 01 11* (EPOXY BASED LIQUID WASTE). Ideally this component should be mixed with the appropriate hardener and allowed to react fully to produce a solid waste. Neutralised empty packages, are categorised as non- hazardous waste, with code 15 01 02(plastic packaging) or 15 01 04 (metal packaging)
Other adverse effects SECTION 13: Disposal conside 13.1. Waste treatment method General information Waste class	Avoid the spillage or runoff entering drains, sewers or watercourses. Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered. DO NOT reuse containers containing residual product without commercial cleaning When this material, in its liquid state, as supplied, becomes a waste, it is categorised as a hazardous waste, with code 08 01 11* (EPOXY BASED LIQUID WASTE). Part-used containers, not drained and/or rigorously scraped out and containing residues of the supplied material, are categorised as hazardous waste, with code 08 01 11* (EPOXY BASED LIQUID WASTE). Ideally this component should be mixed with the appropriate hardener and allowed to react fully to produce a solid waste. Neutralised empty packages, are categorised as non- hazardous waste, with code 15 01 02(plastic packaging) or 15 01 04 (metal packaging)
Other adverse effects SECTION 13: Disposal conside 13.1. Waste treatment method General information Waste class	erations  S  Avoid the spillage or runoff entering drains, sewers or watercourses. Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered. DO NOT reuse containers containing residual product without commercial cleaning  When this material, in its liquid state, as supplied, becomes a waste, it is categorised as a hazardous waste, with code 08 01 11* (EPOXY BASED LIQUID WASTE). Part-used containers, not drained and/or rigorously scraped out and containing residues of the supplied material, are categorised as hazardous waste, with code 08 01 11* (EPOXY BASED LIQUID WASTE). Ideally this component should be mixed with the appropriate hardener and allowed to react fully to produce a solid waste. Neutralised empty packages, are categorised as non- hazardous waste, with code 15 01 02(plastic packaging) or 15 01 04 (metal packaging)  mation  This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR

UN No. (IMDG)	1263
UN No. (ICAO)	1263
14.2. UN proper shipping name	<u>ə</u>
Proper shipping name (ADR/RID)	PAINT OR PAINT RELATED MATERIAL
Proper shipping name (IMDG)	PAINT OR PAINT RELATED MATERIAL
Proper shipping name (ICAO)	PAINT OR PAINT RELATED MATERIAL
14.3. Transport hazard class(e	<u>s)</u>
ADR/RID class	3
IMDG class	3
ICAO class/division	3
Transport labels	
14.4. Packing group	
ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
14.5. Environmental hazards	
Environmentally hazardous sul No.	ostance/marine pollutant
14.6. Special precautions for u	ser
EmS	F-E, S-E
Tunnel restriction code	(D/E)
14.7. Transport in bulk accordi	ng to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
SECTION 15: Regulatory infor	mation
15.1. Safety, health and enviro	nmental regulations/legislation specific for the substance or mixture
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restrictio Chemicals (REACH) (as amended).

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	<ul> <li>ATE: Acute Toxicity Estimate.</li> <li>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</li> <li>CAS: Chemical Abstracts Service.</li> <li>DNEL: Derived No Effect Level.</li> <li>GHS: Globally Harmonized System.</li> <li>IATA: International Air Transport Association.</li> <li>ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</li> <li>IMDG: International Maritime Dangerous Goods.</li> <li>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</li> <li>PBT: Persistent, Bioaccumulative and Toxic substance.</li> <li>PNEC: Predicted No Effect Concentration.</li> <li>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.</li> <li>vPvB: Very Persistent and Very Bioaccumulative.</li> <li>EC<sub>50</sub>: 50% of maximal Effective Concentration.</li> </ul>
Classification abbreviations and acronyms	Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic) Asp. Tox. = Aspiration hazard Eye Dam. = Serious eye damage Eye Irrit. = Eye irritation Resp. Sens. = Respiratory sensitisation 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
Revision comments	Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 2015/830 To include additional colours
Issued by	Technical Dept. (P.E.)
Revision date	05/11/2019
Revision	6.1
Supersedes date	18/12/2018
SDS number	10845
SDS status	Approved.
Hazard statements in full	<ul> <li>H226 Flammable liquid and vapour.</li> <li>H312 Harmful in contact with skin.</li> <li>H315 Causes skin irritation.</li> <li>H318 Causes serious eye damage.</li> <li>H332 Harmful if inhaled.</li> <li>H335 May cause respiratory irritation.</li> <li>H336 May cause drowsiness or dizziness.</li> </ul>
Signature	Initials

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.