



SAFETY DATA SHEET SPECTRUS OX1274

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

1.1. Product identifier

Product name SPECTRUS OX1274

Product number 14209

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

Identified uses Biocide

1.3. Details of the supplier of the safety data sheet

Supplier Univar Solutions UK Ltd
 Aquarius House
 6 Mid Point Business Park
 Bradford
 BD3 7AY
 +44 1274 267300
 +44 1274 267306
 SDS.EMEA@univarsolutions.com

1.4. Emergency telephone number

Emergency telephone SGS - +32 (0)3 575 55 55 (24h)

Sds No. 14209

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Met. Corr. 1 - H290

Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.
 H400 Very toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements	P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental label information	EUH031 Contact with acids liberates toxic gas.
Contains	SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE, SODIUM HYDROXIDE

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

SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE			10-30%
CAS number: 7681-52-9	EC number: 231-668-3	REACH registration number: 01-2119488154-34-XXXX	
M factor (Acute) = 10	M factor (Chronic) = 1		
Classification Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410			

SODIUM HYDROXIDE			1-5%
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX	
Classification Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318			

The full text for all hazard statements is displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move into fresh air and keep at rest. Get medical attention.
Ingestion	Immediately rinse mouth and drink plenty of water (200-300 ml). Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Obtain medical attention and bring these instructions.

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

Inhalation	May cause respiratory system irritation.
Ingestion	May cause chemical burns in mouth and throat.
Skin contact	Chemical burns.
Eye contact	Chemical burns.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water. Foam. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Toxic to aquatic life with long lasting effects.
Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Hydrogen chloride (HCl). Chlorine.

5.3. Advice for firefighters

Protective actions during firefighting	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Contain and collect extinguishing water.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
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6.2. Environmental precautions

Environmental precautions	Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb spillage with sand or other inert absorbent. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely.
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6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid contact with skin and eyes. Avoid inhalation of vapours. May be corrosive to metals.
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Advice on general occupational hygiene

Eye wash facilities and emergency shower must be available when handling this product. Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse. Wash after use and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in a cool and well-ventilated place. Keep container tightly closed. Unsuitable container materials: Iron. Aluminium. Zinc. Copper.

Storage class

Corrosive storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE (CAS: 7681-52-9)

Ingredient comments

No exposure limits known for ingredient(s).

DNEL

Industry - Inhalation; Long term : 1.55 mg/m³
 Industry - Inhalation; Short term : 3.1 mg/m³
 Consumer - Inhalation; Long term : 1.55 mg/m³
 Consumer - Inhalation; Short term : 3.1 mg/m³

PNEC

- Sediment (Freshwater); 0.00021 mg/l
 - Sediment (Marinewater); 0.000042 mg/l
 - Intermittent release; 0.00026 mg/l
 - STP; 0.03 mg/l

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL

Consumer - Inhalation; Long term local effects: 1 mg/m³
 Workers - Dermal; Short term local effects: 2 mg/kg/day
 Workers - Inhalation; Short term local effects: 2 mg/m³
 Workers - Inhalation; Long term local effects: 1 mg/m³

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Eye/face protection

Goggles/face shield are recommended. Personal protective equipment for eye and face protection should comply with European Standard EN166.

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Hand protection	The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Neoprene. Nitrile rubber. To protect hands from chemicals, gloves should comply with European Standard EN374.
Other skin and body protection	Wear rubber apron. Provide eyewash station and safety shower. Wear suitable protective clothing as protection against splashing or contamination.
Hygiene measures	Wash at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Particulate filter, type P2. EN 136/140/141/145/143/149

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Light (or pale). Green-yellow.
Odour	Chlorine.
Odour threshold	Not available.
pH	pH (concentrated solution): 13.2
Melting point	-26°C
Pour Point	No information available.
Freezing Point	No information available.
Initial boiling point and range	Not available.
Flash point	> 100°C Pensky-Martens closed cup.
Evaporation rate	No information available.
Evaporation factor	Not available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	Not available.
Other flammability	No information available.
Vapour pressure	18 mm Hg @ 21°C
Vapour density	< 1
Relative density	1.22 @ 21°C
Bulk density	No information available.
Solubility(ies)	Soluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not available.
Viscosity	13 mPa s @ 21°C
Explosive properties	Not available.

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Explosive under the influence of a flame No information available.

Oxidising properties Not available.

9.2. Other information

Other information Not available.

Refractive index No information available.

Particle size No information available.

Molecular weight No information available.

Volatility No information available.

Saturation concentration Not available.

Critical temperature No information available.

Volatile organic compound This product contains a maximum VOC content of 0 %.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Not available. Does not decompose when used and stored as recommended.

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 Not determined.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Strong acids. Strong oxidising agents. Strong alkalis. Metals

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Hydrogen chloride (HCl). Chlorine.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 3000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Vapour LC₅₀ >10.5 mg/l, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation No information available.

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Animal data Corrosive.

Serious eye damage/irritation

Serious eye damage/irritation Corrosive.

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Genotoxicity - in vivo Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Respiratory irritant effects that impair function with symptoms such as cough, pain, choking, and breathing difficulties.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Not available.

Inhalation May cause respiratory system irritation.

Ingestion May cause chemical burns in mouth, oesophagus and stomach.

Skin contact Causes burns.

Eye contact Causes burns.

Toxicological information on ingredients.**SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE****Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 1,100.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0

Species Rat

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 10,500.0

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Species	Rat
ATE inhalation (vapours mg/l)	10,500.0
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Corrosive to skin.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Corrosive
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.
<u>Carcinogenicity</u>	
Carcinogenicity	There is no evidence that the product can cause cancer.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	This substance has no evidence of toxicity to reproduction.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Irritating to respiratory system.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Aspiration hazard	None.
<u>Inhalation</u>	
Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system. May cause respiratory system irritation.
<u>Ingestion</u>	
Ingestion	May cause chemical burns in mouth, oesophagus and stomach.
<u>Skin contact</u>	
Skin contact	May cause serious chemical burns to the skin.
<u>Eye contact</u>	
Eye contact	Causes burns. Causes serious eye damage.

SODIUM HYDROXIDE

<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	LD ₅₀ >500 mg/kg, Oral, Rabbit
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	No specific test data are available.
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	No specific test data are available.
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Causes severe burns.

SPECTRUS OX1274**Serious eye damage/irritation**

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation No information available.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

Inhalation Dust is severely irritating to the upper respiratory system. Symptoms following overexposure may include the following: Coughing. Wheezing/breathing difficulties. May cause an asthma-like shortness of breath. Sore throat. Burning sensation in mouth. Upper respiratory irritation. Tracheobronchitis, pulmonary oedema.

Ingestion Causes severe burns. May cause burns in mucous membranes, throat, oesophagus and stomach. Symptoms following overexposure may include the following: Chemical burns. Burning sensation in mouth. Nausea, vomiting. Vomiting of blood. Swallowing concentrated chemical may cause severe internal injury.

Skin contact Causes severe burns. Blistering may occur. May cause serious chemical burns to the skin. Prolonged contact causes serious tissue damage.

Eye contact Causes serious eye damage. May cause chemical eye burns. Symptoms following overexposure may include the following: Severe irritation, burning and tearing. Corneal damage. May cause permanent damage if eye is not immediately irrigated.

SECTION 12: Ecological information

Ecotoxicity The product contains a substance which is very toxic to aquatic organisms.

Ecological information on ingredients.**SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE**

Ecotoxicity Very toxic to aquatic life with long lasting effects.

SPECTRUS OX1274**SODIUM HYDROXIDE**

Ecotoxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

12.1. Toxicity

Toxicity Very toxic to aquatic life.

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1.57 mg/l, Oncorhynchus mykiss (Rainbow trout)
NOEC, 96 hours: 1.14 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1.32 mg/l, Daphnia magna
NOEC, 48 hours: 0.42 mg/l, Daphnia magna

Ecological information on ingredients.**SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE**

Toxicity Very toxic to aquatic organisms.

Acute aquatic toxicity

LE(C)₅₀ 0.01 < L(E)C₅₀ ≤ 0.1

M factor (Acute) 10

Acute toxicity - fish LC₅₀, 96 hours: 0.06 mg/l, Freshwater fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.141 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 0.04 mg/l, Scenedesmus subspicatus

Chronic aquatic toxicity

M factor (Chronic) 1

Chronic toxicity - fish early life stage NOEC, 28 days: 0.04 mg/l, Freshwater fish

SODIUM HYDROXIDE

Toxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 33-189 mg/l mg/l, Fish

LC₅₀, 96 hour: 45.5 mg/l, Oncorhynchus mykiss (Rainbow trout)

LC₅₀, 96 hour: 125 mg/l, Freshwater fish
Gambusia affinis (Mosquito fish)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 40-240 mg/l mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

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Ecological information on ingredients.

SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE

Persistence and degradability Not applicable. Substance is inorganic.

SODIUM HYDROXIDE

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

Ecological information on ingredients.

SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient : -3.42

SODIUM HYDROXIDE

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility The product is soluble in water.

Ecological information on ingredients.

SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE

Mobility The product is soluble in water.

SODIUM HYDROXIDE

Mobility The product is water-soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Ecological information on ingredients.

SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE

Results of PBT and vPvB assessment This substance is not considered to be persistent, bioaccumulating and toxic (PBT) or very persistent nor very bioaccumulating (vPvB).

SODIUM HYDROXIDE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

SPECTRUS OX1274**12.6. Other adverse effects**

Other adverse effects Not available.

Ecological information on ingredients.**SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE**

Other adverse effects Not known.

SODIUM HYDROXIDE

Other adverse effects Not available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

General information Do not puncture or incinerate, even when empty.

Disposal methods Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: Transport information

General Wear protective clothing as described in Section 8 of this safety data sheet.

14.1. UN number

UN No. (ADR/RID) 1791

UN No. (IMDG) 1791

UN No. (ICAO) 1791

UN No. (ADN) 1791

14.2. UN proper shipping name

Proper shipping name (ADR/RID) HYPOCHLORITE SOLUTION

Proper shipping name (IMDG) HYPOCHLORITE SOLUTION (CONTAINS SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE)

Proper shipping name (ICAO) HYPOCHLORITE SOLUTION

Proper shipping name (ADN) HYPOCHLORITE SOLUTION

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID classification code C9

ADR/RID label 8

IMDG class 8

ICAO class/division 8

ADN class 8

Transport labels

SPECTRUS OX1274

14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

IMDG Code segregation group	8. Hypochlorites
EmS	F-A, S-B
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

14.7. Transport in bulk according 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 information

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
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 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. This product may impact SEVESO storage regulations.
Guidance	CHIP for everyone HSG228.
Inventory Information	EINECS

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

SPECTRUS OX1274

EU - EINECS/ELINCS

All the ingredients are listed or exempt.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	ATE: Acute Toxicity Estimate. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods. Kow: Octanol-water partition coefficient. LC₅₀: Lethal Concentration to 50 % of a test population. LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No Effect Concentration. REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. vPvB: Very Persistent and Very Bioaccumulative. IARC: International Agency for Research on Cancer. MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. cATpE: Converted Acute Toxicity Point Estimate. BCF: Bioconcentration Factor. BOD: Biochemical Oxygen Demand. EC₅₀: 50% of maximal Effective Concentration. LOAEC: Lowest Observed Adverse Effect Concentration. LOAEL: Lowest Observed Adverse Effect Level. NOAEC: No Observed Adverse Effect Concentration. NOAEL: No Observed Adverse Effect Level. NOEC: No Observed Effect Concentration. LOEC: Lowest Observed Effect Concentration. DMEL: Derived Minimal Effect Level. EL50: Exposure Limit 50 hPa: Hectopascal LL50: Lethal Loading fifty OECD: Organisation for Economic Co-operation and Development POW: Octanol-water partition coefficient SCBA: self-contained breathing apparatus STP: Sewage Treatment Plant VOC: Volatile Organic Compounds
Classification abbreviations and acronyms	Acute Tox. = Acute toxicity Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Key literature references and sources for data	Supplier's information.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	19/02/2020

SPECTRUS OX1274

Version number	1.000
SDS number	14209
SDS status	Approved.
Hazard statements in full	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.
Signature	Jitendra Panchal