SAFETY DATA SHEET



Techspray Wondermask P

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

1.1 Product identifier	
Product name	: Techspray Wondermask P
Product code	: 2211/CAN/EUR-2SQ, 8SQ, G, 5G, 54G
Product description	: Wave solder process masking agent
Product type	: Liquid.
Other means of identification	: Not available.

1.2 Relevant identified uses of the substance or mixture and uses advised against Not applicable.

1.3 Details of the supplier of the safety data sheet

Manufacturer Techspray 8125 Cobb Center Drive Kennesaw, GA 30152 Tel: 678-819-1408 Toll free: 800-858-4043 Fax: 1 806-372-8750

Distributor

Importer ITW Contamination Control BV Saffierlaan 5 VZ-2132 Hoofddorp The Netherlands Email: info@itw-cc.com

Tel: +31 88 1307 400 FAX: +31 88 1307 499

e-mail address of person responsible for this SDS

: TSales@Techspray.com

National contact

ITW Contamination Control BV Saffierlaan 5 VZ-2132 Hoofddorp The Netherlands

Email: info@itw-cc.com

Tel: +31 88 1307 400 FAX: +31 88 1307 499

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number

: EMERGENCY HEALTH INFORMATION: Chemtrec - 1-800-424-9300 or collect 703-527-3887

Supplier

Date of issue/Date of revision

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

Telephone number	: Chemtrec - 1-800-424-9300 CANUTEC (Canadian Transportation): (613) 996-6666 Emergency phone: (800) 858-4043
Hours of operation Information limitations	 24/7 EMERGENCY HEALTH INFORMATION: EMERGENCY SPILL INFORMATION: Transport information

SECTION 2: Hazards identification

2.1 Classification of the sub	star	ice or mixture
Product definition	1	Mixture
-	Reg	gulation (EC) No. 1272/2008 [CLP/GHS]
Aquatic Chronic 3, H412		
The product is classified as h	naza	rdous according to Regulation (EC) 1272/2008 as amended.
Ingredients of unknown toxicity	:	95 percent of the mixture consists of component(s) of unknown toxicity
Ingredients of unknown ecotoxicity	:	Contains 95 % of components with unknown hazards to the aquatic environment
See Section 16 for the full te	xt of	the H statements declared above.
See Section 11 for more deta	ailed	information on health effects and symptoms.
2.2 Label elements		
Signal word	:	No signal word.
Hazard statements	:	Harmful to aquatic life with long lasting effects.
Precautionary statements		
Prevention	:	Avoid release to the environment.
Response	:	Not applicable.
Storage		Not applicable.

Storage	: Not applicab

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

Supp	lemental	label	
eleme	ents		

Disposal

: Not applicable.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
Special packaging requirem	ents
Containers to be fitted	: Not applicable.

with child-resistant fastenings **Tactile warning of danger** : Not applicable.

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
5-chloro-2-methyl-2H-isothiazol- 3-one	EC: 247-500-7 CAS: 26172-55-4	<0.25	Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	[1]
disodium 2,2'-([1,1'-biphenyl]-4,4'- diyldivinylene)bis (benzenesulphonate)	EC: 248-421-0 CAS: 27344-41-8	≤0.3	Acute Tox. 3, H331 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	[1]
			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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[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

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	1	No action shall be taken involving any personal risk or without suitable training. 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

Date of issue/Date of revision	: 9/9/2019	Date of previous issue	: 9/9/2019	Version : 24	3/13
--------------------------------	------------	------------------------	------------	--------------	------

SECTION 4: First aid measures

Eye contact	: Adverse symptoms may include the following: pain or irritation redness watering
Inhalation	 Adverse symptoms may include the following: respiratory tract irritation
Skin contact	: Adverse symptoms may include the following: irritation
Ingestion	 Adverse symptoms may include the following: Ingestion Seek medical attention.

4.5 mulcation of any mini	ediate medical attention and special treatment needed
Notes to physician	 In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	None known.
5.2 Special hazards arising f	rom	the substance or mixture
Hazards from the substance or mixture	:	In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful 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 dioxide carbon monoxide nitrogen oxides
5.3 Advice for firefighters		
Special protective actions for fire-fighters	:	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.
Special protective equipment for fire-fighters	:	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

5.1 Personal precautions, protective equipment and emergency procedures				
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.			
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".			

Date of issue/Date of revision

SECTION 6: Accidental release measures				
6.2 Environmental precautions	Avoid dispersal of spilt 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 material	for containment and cleaning up			
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.			
Large spill	: Stop leak if without risk. Move containers from spill area. Approach the 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill 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

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)	
Recommendations	: Not available.
Industrial sector specific solutions	: Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

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.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection measure	<u>es</u>	
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
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.
Skin protection		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Techspray Wondermask P

Solubility in water

SECTION 8: Exposure controls/personal protection

Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
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				
<u>Appearance</u>				
Physical state	:	Liquid. [gel]		
Colour	:	Pink/ Red.		
Odour	:	Not available.		
Odour threshold	:	Not available.		
рН	:	Not available.		
Melting point/freezing point	:	Not available.		
Initial boiling point and boiling	:	Not available.		
range				
Flash point	1	[Product does not sustain combustion.]		
Evaporation rate	1	Not available.		
Flammability (solid, gas)	:	Not available.		
Upper/lower flammability or	:	Not available.		
explosive limits				
Vapour pressure	4	Not available.		
Vapour density	4	Not available.		
Relative density	4	1		
Solubility(ies)	1	Not available.		
Partition coefficient: n-octanol/	4	Not available.		
water				
Auto-ignition temperature	÷	Not available.		
Decomposition temperature		Not available.		
Viscosity	÷	Not available.		
Explosive properties	÷	Not available.		
Oxidising properties	1	Not available.		
9.2 Other information				

: Not available.

No additional information.	
SECTION 10: Stabili	ty 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).

Date of issue/Date of revision	: 9/9/2019	Date of previous issue	: 9/9/2019	Version : 24	7/13
--------------------------------	------------	------------------------	------------	--------------	------

Techspray Wondermask P

SECTION 10: Stability and reactivity

10.5 Incompatible materials : Reactive or incompatible with the following materials: acids alkalis oxidizing materials

10.6 Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
disodium 2,2'-([1,1'-biphenyl] -4,4'-diyldivinylene)bis (benzenesulphonate)	LC50 Inhalation Vapour	Rat	3660 mg/m ³	4 hours
· · · · ·	LD50 Dermal	Rabbit	2500 mg/kg	-
	LD50 Oral	Rat	5580 mg/kg	-
Conclusion/Summary	Not available.	·	·	·

Acute toxicity estimates

Route	ATE value		
Inhalation (vapours)	178.5 mg/l		

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
disodium 2,2'-([1,1'-biphenyl] -4,4'-diyldivinylene)bis (benzenesulphonate)	Eyes - Mild irritant	Rabbit		0.033333333 minutes 100 milligrams	-
	Eyes - Severe irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rabbit		24 hours 500 milligrams	-

Conclusion/Summary	: Not available.
Sensitisation	
Conclusion/Summary	: Not available.
Mutagenicity	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.
Specific target organ toxicit	<u>y (single exposure)</u>
Not available.	
Specific target organ toxicit	<u>y (repeated exposure)</u>
Not available.	
Aspiration hazard	
Not available.	
Information on likely routes of exposure	: Not available.
Potential acute health effects	
Eye contact	: This product may irritate eyes upon contact. May cause eye irritation.
Dete of issue (Dete of muisien	

Date of issue/Date of revision : 9/9/2019 : 9/9/2019 Version : 24 Date of previous issue 8/13

Techspray Wondermask P

SECTION 11: Toxico	lo	gical information			
Inhalation	:	No known significant effects or critical	hazards.		
Skin contact	: May cause skin irritation.				
Ingestion	: Harmful if swallowed.				
Symptoms related to the phy	<u>sic</u>	al, chemical and toxicological charac	<u>cteristics</u>		
Eye contact	: Adverse symptoms may include the following: pain or irritation redness watering				
Inhalation	:	Adverse symptoms may include the for respiratory tract irritation	bllowing:		
Skin contact	-	Adverse symptoms may include the for irritation	llowing:		
Ingestion	:	Adverse symptoms may include the for Ingestion Seek medical attention.	ollowing:		
Delayed and immediate effect	:ts	as well as chronic effects from short	and long-term exposure		
Short term exposure					
Potential immediate effects	:	Not available.			
Potential delayed effects	:	Not available.			
Long term exposure					
Potential immediate effects	;	Not available.			
Potential delayed effects	:	Not available.			
Potential chronic health effe	<u>ect</u>	<u>s</u>			
Not available.					
Conclusion/Summary	:	Not available.			
General	:	No known significant effects or critical	hazards.		
Carcinogenicity	:	No known significant effects or critical	hazards.		
Mutagenicity	:	No known significant effects or critical	hazards.		
Teratogenicity	:	No known significant effects or critical	hazards.		
Developmental effects	:	No known significant effects or critical	hazards.		
Fertility effects	: No known significant effects or critical hazards.				
Other information		Not available.			
SECTION 12: Ecolog	JIC				
Product/ingredient name	1	Result	Species	Exposure	
ou dou ingreaterit name		toount .	- abooing	Exposule	

Product/ingredient name	Result	Species	Exposure
5-chloro-2-methyl-2H- isothiazol-3-one	Acute EC50 0.021 ppm Marine water	Algae - Skeletonema costatum	72 hours
	Acute EC50 0.062 ppm Fresh water	Algae - Pseudokirchneriella subcapitata	4 days
	Acute EC50 13 ppm Fresh water	Crustaceans - Ceriodaphnia dubia	48 hours
	Acute EC50 0.18 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 0.19 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 0.1 ppm Marine water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 0.02 ppm	Fish - Pimephales promelas	36 days
disodium 2,2'-([1,1'-biphenyl]	Acute EC50 40.33 mg/l Fresh water	Crustaceans - Ceriodaphnia	48 hours
-4,4'-diyldivinylene)bis		dubia - Neonate	
(benzenesulphonate)			
ate of issue/Date of revision	: 9/9/2019 Date of previous issue	: 9/9/2019 Version	: 24 9/1

Techspray Wondermask P

SECTION 12: Ecological information

giodi internation		
Acute LC50 126000 µg/l Fresh water	Fish - Ictalurus punctatus	96 hours

Conclusion/Summary

: Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
disodium 2,2'-([1,1'-biphenyl] -4,4'-diyldivinylene)bis (benzenesulphonate)	-2.32	<1	low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

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

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. 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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

Techspray Wondermask P

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

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: Not available.according to Annex II of
Marpol and the IBC Code

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 authorisation

```
Annex XIV
```

None of the components are listed.

Substances of very high concern

None of the components are listed.

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

Other EU regulations

Europe inventory : Not determined.

Ozone depleting substances (1005/2009/EU) Not listed.

Prior Informed Consent (PIC) (649/2012/EU) Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Date of I	issue/Date	of revision

Techspray Wondermask P

SECTION 15: Regulatory information

Not listed.

Stockholm (Convention of	on Persistent	Organic P	<u>ollutants</u>
Not listed.				
			_	

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

<u>International lists</u> <u>National inventory</u>	
Australia	: Not determined.
Canada	: At least one component is not listed in DSL but all such components are listed in NDSL.
China	: All components are listed or exempted.
Japan	: Japan inventory (ENCS): Not determined. Japan inventory (ISHL): Not determined.
Malaysia	: Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: Not determined.
Taiwan	: All components are listed or exempted.
Turkey	: Not determined.
United States	: All components are listed or exempted.
15.2 Chemical safety assessment	: This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	: ATE = Acute Toxicity Estimate
	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
	1272/2008]
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = CLP-specific Hazard statement
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	vPvB = Very Persistent and Very Bioaccumulative

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

Classification	Justification
Aquatic Chronic 3, H412	Calculation method

Full text of abbreviated H statements

H331 H400	Causes serious eye irritation. Toxic if inhaled. Very toxic to aquatic life.
	Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

SECTION 16: Other information

Acute Tox. 3, H331 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Aquatic Chronic 3, H412 Eye Irrit. 2, H319		ACUTE TOXICITY (inhalation) - Category 3 ACUTE AQUATIC HAZARD - Category 1 LONG-TERM AQUATIC HAZARD - Category 1 LONG-TERM AQUATIC HAZARD - Category 3 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2		
Date of printing	: 9/9/2019			
Date of issue/ Date of revision	: 9/9/2019			
Date of previous issue	: 9/9/2019			
Version	: 24			
Notice to reader				

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.