

Revision date: 25-May-2010

Version: 3.0

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## **IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

Pfizer Animal Health Pfizer Inc 235 East 42nd Street New York, NY 10017 Poison Control Center Phone: 1-866-531-8896 Technical Services Phone: 1-800-366-5288 **Emergency telephone number:** CHEMTREC (24 hours): 1-800-424-9300 Contact E-Mail: pfizer-MSDS@pfizer.com

Pfizer Ltd, Kent **CT13 9NJ** United Kingdom +00 44 (0)1304 616161

**Emergency telephone number:** ChemSafe (24 hours): +44 (0)208 762 8322

## Material Name: Roccal D Plus

Trade Name:	Roccal-D Plus
Chemical Family:	Mixture
Intended Use:	Veterinary product used as disinfectant

## 2. HAZARDS IDENTIFICATION

Appearance: Signal Word:	Green liquid DANGER
Statement of Hazard:	Harmful in contact with skin. Harmful if swallowed. Causes severe skin burns and eye damage. May cause damage to endocrine system through prolonged or repeated exposure.
Additional Hazard Information: Short Term: Long Term:	May be harmful if absorbed through the skin. (based on components). Repeat-dose studies in animals have shown a potential to cause adverse effects on endocrine system (based on components).
EU Indication of danger:	Corrosive T - Toxic N - Dangerous for the environment

### **EU Hazard Symbols:**



### **EU Risk Phrases:**

R34 - Causes burns.

R21 - Harmful in contact with skin.

R22 - Harmful if swallowed.

R48/23/25 - Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

R51/53 - Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

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### 2. HAZARDS IDENTIFICATION

Australian Hazard Classification (NOHSC):

Note:

Hazardous Substance. Dangerous Goods.

This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the active substance or its intermediates regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	EU EINECS/ELINCS List	EU Classification	%
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	270-325-2	Xn;R22 C;R34 N;R50	4.6
Didecyldimethylammonium chloride	7173-51-5	230-525-2	C;R34 Xn;R22	9.2
Quaternary ammonium compounds, benzylcoco alkyldimethyl, chlorides	61789-71-7	263-080-8	Not Listed	9.2
Citric acid	77-92-9	201-069-1	Xi; R36	*
Sodium hydroxide	1310-73-2	215-185-5	C;R35	*
Propylene glycol	57-55-6	200-338-0	Not Listed	*
Tetrasodium EDTA	64-02-8	200-573-9	Not Listed	*
Tributyltin Oxide	56-35-9	200-268-0	T;R25 T;R48/23/25 Xn;R21 Xi;R36/38 N:R50-53	1

Ingredient	CAS Number	EU EINECS/ELINCS List	<b>EU Classification</b>	%
Fragrance	NOT ASSIGNED	Not Listed	Not Listed	*
C.I. Acid Blue 25	6408-78-2	229-068-1	Not Listed	*
FD & C Yellow No. 5	1934-21-0	217-699-5	Not Listed	*
Water	7732-18-5	231-791-2	Not Listed	*
9-10 Mole Nonionic Surfactant	Not assigned	Not Listed	Not Listed	*

**Additional Information:** 

\* Proprietary

Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

#### For the full text of the R phrases mentioned in this Section, see Section 16

## 4. FIRST AID MEASURES

**Eye Contact:** 

Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.

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Skin Contact:	Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.
Ingestion:	Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.
Symptoms and Effects of Exposure:	For information on potential signs and symptoms of exposure, See Section 2 - Hazards Identification and/or Section 11 - Toxicological Information.

## **5. FIRE FIGHTING MEASURES**

Extinguishing Media:	Use carbon dioxide, dry chemical, or water spray.
Hazardous Combustion Products:	Formation of toxic gases is possible during heating or fire.
Fire Fighting Procedures:	During all fire fighting activities, wear appropriate protective equipment, including self- contained breathing apparatus.
Fire / Explosion Hazards:	Fine particles (such as dust and mists) may fuel fires/explosions.

## 6. ACCIDENTAL RELEASE MEASURES

Health and Safety Precautions:	Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.
Measures for Cleaning / Collecting:	Contain the source of spill if it is safe to do so. Collect spill with absorbent material. Clean spill area thoroughly.
Measures for Environmental Protections:	Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.
Additional Consideration for Large Spills:	Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

## 7. HANDLING AND STORAGE

General Handling:	Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. When handling, use appropriate personal protective equipment (see Section 8). Refer to Section 12 - Ecological Information, for information on potential effects on the environment. Releases to the environment should be avoided. Review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors, HEPA filtration systems or other equivalent controls.
Storage Conditions:	Store as directed by product packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Refer to available public information for specific member state Occupational Exposure Limits.

### Didecyldimethylammonium chloride ACGIH Threshold Limit Value (TWA)

0.1 mg/m<sup>3</sup>

Sodium hydroxide

8. EXPOSURE CONTROLS / P	ERSONAL PROTECTION
ACGIH Ceiling Threshold Limi	
Australia PEAK	2 mg/m <sup>3</sup>
Austria OEL - MAKs	Listed
Bulgaria OEL - TWA	Listed
Czech Republic OEL - TWA	Listed
Estonia OEL - TWA	Listed
France OEL - TWA	Listed
Greece OEL - TWA	Listed
Hungary OEL - TWA	Listed
Japan - OELs - Ceilings	$2 \text{ mg/m}^3$
Latvia OEL - TWA	Listed
OSHA - Final PELS - TWAs:	2 mg/m <sup>3</sup>
Poland OEL - TWA	Listed
Slovenia OEL - TWA	Listed
Sweden OEL - TWA	Listed
OWCOULD DEE TWAS	
Propylene glycol	
Australia TWA	10 mg/m <sup>3</sup>
	150 ppm
	474 mg/m <sup>3</sup>
Ireland OEL - TWAs	Listed
Latvia OEL - TWA	Listed
Lithuania OEL - TWA	Listed
Tributyltin Oxide	
Austria OEL - MAKs	Listed
Bulgaria OEL - TWA	Listed
Germany - TRGS 900 - TWAs	0.0021 ppm
	0.05 mg/m <sup>3</sup>
Germany (DFG) - MAK	0.004 ppm MAK
	0.02 mg/m <sup>3</sup> MAK
Slovenia OEL - TWA	Listed
Engineering Controls:	Engineering controls should be used as the primary means to control exposures. General room ventilation is adequate unless the process generates dust, mist or fumes. Keep airborne contamination levels below the exposure limits listed above in this section.
Environmental Exposure Controls:	Refer to specific Member State legislation for requirements under Community environmental legislation.
Personal Protective Equipment:	Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).
Hands:	Wear impervious gloves if skin contact is possible.
Eyes:	Wear safety glasses or goggles if eye contact is possible.
Skin:	Impervious protective clothing is recommended if skin contact with drug product is possible and
	for bulk processing operations.
Respiratory protection:	If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.

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	AL PROPERTIES		
Physical State:	Liquid	Color:	Green
Ddor:	Floral	Molecular Formula:	Mixture
Aolecular Weight:	Mixture		WIXTO
lolecular Weight.	WIXTO		
Vater solubility:	100%		
oH:	8-10		
Boiling Point (°C):	>100		
Specific Gravity:	1.015		
Flash Point (Liquid) (°C):		61 Closed cup	
Polymerization:		Will not occur	
IO. STABILITY AND REACTI	VITY		
	<b>2</b>		
Chemical Stability:	Stable at normal condition		
Conditions to Avoid: ncompatible Materials:	Soaps, anionic materials,	ist and mists) may fuel fires/explosions.	
	Suaps, anionic materials,	UNICIZEIS, AND UNIUNINE	
1. TOXICOLOGICAL INFOR	MATION		
General Information:	The information included	in this saction describes the notantial ba	azarde of the individual
Seneral Information:		in this section describes the potential ha	
	ingredients.		
Acute Toxicity: (Species, Route, E	-		
Acute Toxicity: (Species, Route, E Sodium hydroxide	-		
Acute Toxicity: (Species, Route, E Sodium hydroxide Mouse IP LD50 40 mg/kg	nd Point, Dose)		
Sodium hydroxide Mouse IP LD50 40 mg/kg	nd Point, Dose)		
<b>Sodium hydroxide</b> Mouse IP LD50 40 mg/kg Citric acid	nd Point, Dose)		
Sodium hydroxide Mouse IP LD50 40 mg/kg	nd Point, Dose)		
Sodium hydroxide Mouse IP LD50 40 mg/kg Citric acid Rat Oral LD50 3000 mg/kg Propylene glycol	nd Point, Dose)		
Sodium hydroxide Mouse IP LD50 40 mg/kg Citric acid Rat Oral LD50 3000 mg/kg Propylene glycol Mouse Oral LD50 22,000 mg	nd Point, Dose) g g/kg		
Sodium hydroxide Mouse IP LD50 40 mg/kg Citric acid Rat Oral LD50 3000 mg/kg Propylene glycol Mouse Oral LD50 22,000 mg/kg Rat Oral LD50 20,000 mg/kg	nd Point, Dose) g g/kg		
Sodium hydroxide Mouse IP LD50 40 mg/kg Citric acid Rat Oral LD50 3000 mg/kg Propylene glycol Mouse Oral LD50 22,000 mg	nd Point, Dose) g g/kg		
Sodium hydroxide Mouse IP LD50 40 mg/kg Citric acid Rat Oral LD50 3000 mg/kg Propylene glycol Mouse Oral LD50 22,000 mg/kg Rat Oral LD50 20,000 mg/kg	nd Point, Dose) g g/kg		
Sodium hydroxide Mouse IP LD50 40 mg/kg Citric acid Rat Oral LD50 3000 mg/kg Propylene glycol Mouse Oral LD50 22,000 mg/kg Rat Oral LD50 20,000 mg/kg Rabbit Dermal LD50 20,800	nd Point, Dose) g g/kg		
Sodium hydroxide Mouse IP LD50 40 mg/kg Citric acid Rat Oral LD50 3000 mg/kg Propylene glycol Mouse Oral LD50 22,000 mg/kg Rat Oral LD50 20,000 mg/kg Rabbit Dermal LD50 20,800	nd Point, Dose) g g/kg g/kg mg/kg		
Sodium hydroxideMouseIPLD5040mg/kgCitric acidRatOralLD503000mg/kgPropylene glycolMouseOralLD5022,000mg/kgRatOralLD5020,000mg/kgRabbitDermalLD5020,800Fetrasodium EDTAMouseOralLD5030mg/kgRatOralLD50>2000mg/kgRatOralLD50>2000mg/kgDidecyldimethylammonium chlorioDidecyldimethylammonium chlorioDidecyldimethylammonium chlorio	nd Point, Dose) g g/kg mg/kg		
Sodium hydroxideMouseIPLD5040mg/kgCitric acidRatOralLD503000mg/kgPropylene glycolMouseOralLD5022,000mg/kgRatOralLD5020,000mg/kgRabbitDermalLD5020,800Fetrasodium EDTAMouseOralLD5030mg/kgRatOralLD50>2000mg/kgRatOralLD50>2000mg/kg	nd Point, Dose) g g/kg mg/kg /kg de		
Sodium hydroxideMouseIPLD5040mg/kgCitric acidRatOralLD503000mg/kgPropylene glycolMouseOralLD5022,000mg/kgRatOralLD5020,000mg/kgRabbitDermalLD5020,800Fetrasodium EDTAMouseOralLD5030mg/kgRatOralLD50>2000mg/kgRatOralLD50>2000mg/kgDidecyldimethylammonium chlorioDidecyldimethylammonium chlorioDidecyldimethylammonium chlorio	nd Point, Dose) g g/kg mg/kg /kg de		
Sodium hydroxide   Mouse IP LD50 40 mg/kg   Citric acid   Rat Oral LD50 3000 mg/kg   Propylene glycol   Mouse Oral LD50 22,000 mg/kg   Rat Oral LD50 20,000 mg/kg   Rabbit Dermal LD50 20,800   Fetrasodium EDTA Mouse Oral LD50 30 mg/kg   Rat Oral LD50 > 2000 mg.   Didecyldimethylammonium chlorid Rat Oral LD50 84 mg/kg   Rat Sub-tenon injection (eye) LI   Alkyl Dimethyl Benzyl Ammonium LI LI	nd Point, Dose) g g/kg mg/kg /kg /kg de D 50 45 mg/kg		
Sodium hydroxide   Mouse IP LD50 40 mg/kg   Citric acid   Rat Oral LD50 3000 mg/kg   Propylene glycol   Mouse Oral LD50 22,000 mg/kg   Rat Oral LD50 20,000 mg/kg   Rabbit Dermal LD50 20,800   Fetrasodium EDTA Mouse Oral LD50 30 mg/kg   Rat Oral LD50 84 mg/kg   Rat Sub-tenon injection (eye) LI   Alkyl Dimethyl Benzyl Ammonium Rat Oral LD50 426 mg/kg	nd Point, Dose) g g/kg mg/kg /kg de D 50 45 mg/kg Chloride		
Sodium hydroxide   Mouse IP LD50 40 mg/kg   Citric acid   Rat Oral LD50 3000 mg/kg   Propylene glycol   Mouse Oral LD50 22,000 mg/kg   Rat Oral LD50 20,000 mg/kg   Rat Oral LD50 20,800   Fetrasodium EDTA Mouse Oral LD50 30 mg/kg   Rat Oral LD50 84 mg/kg   Rat Sub-tenon injection (eye) LI   Alkyl Dimethyl Benzyl Ammonium Rat Oral LD50 426 mg/kg   Rat Oral LD50 426 mg/kg   Rat Sub-tenon injection (eye) LI	nd Point, Dose) g g/kg mg/kg /kg de D 50 45 mg/kg Chloride		
Sodium hydroxide   Mouse IP LD50 40 mg/kg   Citric acid   Rat Oral LD50 3000 mg/kg   Propylene glycol   Mouse Oral LD50 22,000 mg/kg   Rat Oral LD50 20,000 mg/kg   Rabbit Dermal LD50 20,800   Fetrasodium EDTA Mouse Oral LD50 30 mg/kg   Rat Oral LD50 84 mg/kg   Rat Sub-tenon injection (eye) LI   Alkyl Dimethyl Benzyl Ammonium Rat Oral LD50 426 mg/kg	nd Point, Dose) g g/kg mg/kg /kg de D 50 45 mg/kg Chloride		

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## **11. TOXICOLOGICAL INFORMATION**

#### **Tributyltin Oxide**

RatOralLD5087 mg/kgRatDermalLD50605 mg/kgRatInhalationLC504h0.065 mg/LAcute Toxicity Comments:A

A greater than symbol (>) indicates that the toxicity endpoint being tested was not achievable at the highest dose used in the test.

#### Irritation / Sensitization: (Study Type, Species, Severity)

#### Sodium hydroxide

Eye IrritationRabbitSevereSkin IrritationRabbitSevere

#### Citric acid

Eye Irritation Rabbit Severe Skin Irritation Rabbit Mild

#### **Propylene glycol**

Skin Irritation Rabbit Mild Eye Irritation Rabbit Mild

#### Tetrasodium EDTA

Skin Irritation Rabbit Moderate Eye Irritation Rabbit Moderate

#### Didecyldimethylammonium chloride

Skin Irritation Rabbit Corrosive

#### Alkyl Dimethyl Benzyl Ammonium Chloride

Skin Irritation Rabbit Corrosive Skin Irritation Guinea Pig Negative

#### Quaternary ammonium compounds, benzylcoco alkyldimethyl, chlorides

Skin Irritation Rabbit Corrosive

#### Repeated Dose Toxicity: (Duration, Species, Route, Dose, End Point, Target Organ)

#### Tributyltin Oxide

4 Week(s) Rat Oral 80 mg/kg/day LOAEL Endocrine system, Blood 4 Week(s) Rat Oral 50 mg/kg LOAEL Thymus

#### Reproduction & Developmental Toxicity: (Study Type, Species, Route, Dose, End Point, Effect(s))

#### Didecyldimethylammonium chloride

Embryo / Fetal Development	Rabbi	t Ora	al	10 mg/kg/day	NOAEL	Not teratogenic
Embryo / Fetal Development	Rabbi	t Ora	al	10 mg/kg/day	LOAEL	Fetotoxicity, Maternal Toxicity
Embryo / Fetal Development	Rat	Oral	20	mg/kg/day	NOAEL	Not Teratogenic, Fetotoxicity
2 Generation Reproductive Tox	kicity	Rat	Oral	1500 ppm	NOAEL	Reproductive toxicity

#### **TributyItin Oxide**

Embryo / Fetal Development	Mouse	Oral	11.7 - 35 mg/kg	LOAEL	Maternal toxicity, Teratogenic
Embryo / Fetal Development	Mouse	Oral	40 mg/kg/day	LOAEL	Maternal Toxicity, Embryotoxicity

## 11. TOXICOLOGICAL INFORMATION

#### Genetic Toxicity: (Study Type, Cell Type/Organism, Result)

### Alkyl Dimethyl Benzyl Ammonium Chloride

Bacterial Mutagenicity (Ames)SalmonellaNegativeIn Vitro Chromosome AberrationChinese Hamster Ovary (CHO) cellsPositiveIn Vivo MicronucleusMouse Bone MarrowPositiveIn Vitro Sister Chromatid ExchangeChinese Hamster Ovary (CHO) cellsNegative

#### Carcinogenicity: (Duration, Species, Route, Dose, End Point, Effect(s))

#### Tributyltin Oxide

106 Week(s) Rat Oral 50 mg/kg/day LOAEL Benign tumors, Endocrine system

**Carcinogen Status:** None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

#### **12. ECOLOGICAL INFORMATION**

Environmental Overview:Environmental properties of the formulation have not been thoroughly investigated. Harmful<br/>effects to aquatic organisms could occur.Mobility, Persistence and<br/>Degradability:This substance is water soluble and is expected to remain primarily in waterBioaccumulation and Toxicity:High acute toxicity to aquatic organisms could occur. See aquatic toxicity data, below.

#### Aquatic Toxicity: (Species, Method, End Point, Duration, Result)

#### Alkyl Dimethyl Benzyl Ammonium Chloride

Pimephales promelas (Fathead Minnow) EPA LC50 96 Hours 0.28 mg/L Lepomis macrochirus (Bluegill Sunfish) EPA LC50 96 Hours 0.515 mg/L Oncorhynchus mykiss (Rainbow Trout) EPA LC50 96 Hours 0.923 mg/L Cyprinodon variegatus (Sheepshead Minnow) LC50 96 Hours 0.86 mg/L Daphnia magna (Water Flea) EPA EC-50 48 Hours 0.0059 mg/L Pimephales promelas (Fathead Minnow) EPA NOEC 34 Days 0.032 mg/L

#### Tributyltin Oxide

Daphnia magna (Water Flea)EPAEC5048 Hours0.004 mg/LOncorhynchus mykiss (Rainbow Trout)ASTMLC5096 Hours0.003 mg/LCyprinodon variegatus (Sheepshead Minnow)EPALC5096 Hours0.005 mg/L

## 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:Dispose of waste in accordance with all applicable laws and regulations. Member State<br/>specific and Community specific provisions must be considered. Considering the relevant<br/>known environmental and human health hazards of the material, review and implement<br/>appropriate technical and procedural waste water and waste disposal measures to prevent<br/>occupational exposure and environmental release. It is recommended that waste minimization<br/>be practiced. The best available technology should be utilized to prevent environmental<br/>releases. This may include destructive techniques for waste and wastewater.

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## **14. TRANSPORT INFORMATION**

Not regulated for ground transport in non-bulk (< 119 gal) packages within the U.S.: For all Air and Water shipments, the following applies:

UN proper shipping name: UN number:	Environmentally hazardous substances, liquid, n.o.s. (Tributytlin compounds), Marine Pollutant UN 3082
Transport hazard class(es):	9
Packing group:	III

## 15. REGULATORY INFORMATION

EU Symbol: EU Indication of danger:	T , N Corrosive T - Toxic N - Dangerous for the environment
EU Risk Phrases:	R34 - Causes burns. R21 - Harmful in contact with skin. R22 - Harmful if swallowed. R48/23/25 - Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed. R51/53 - Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
EU Safety Phrases:	S23 - Do not breathe fumes/vapour/spray.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S57 - Use appropriate containment to avoid environmental contamination.

OSHA Label: DANGER Harmful in contact with skin. Harmful if swallowed. Causes severe skin burns and eye damage. May cause damage to endocrine system through prolonged or repeated exposure.

#### **Canada - WHMIS: Classifications**

WHMIS hazard class: E corrosive material



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## **15. REGULATORY INFORMATION**

Alkyl Dimethyl Benzyl Ammonium Chloride Inventory - United States TSCA - Sect. 8(b) Australia (AICS): EU EINECS/ELINCS List	Listed Listed 270-325-2
Didecyldimethylammonium chloride Inventory - United States TSCA - Sect. 8(b) Australia (AICS): Standard for the Uniform Scheduling for Drugs and Poisons: EU EINECS/ELINCS List	Listed Listed Schedule 6 230-525-2
Quaternary ammonium compounds, benzylcoco alkyldimethy Inventory - United States TSCA - Sect. 8(b) Australia (AICS): EU EINECS/ELINCS List	<b>I, chlorides</b> Listed Listed 263-080-8
Citric acid Inventory - United States TSCA - Sect. 8(b) Australia (AICS): EU EINECS/ELINCS List	Listed Listed 201-069-1
Sodium hydroxide CERCLA/SARA Hazardous Substances and their Reportable Quantities: Inventory - United States TSCA - Sect. 8(b) Australia (AICS): Standard for the Uniform Scheduling for Drugs and Poisons: EU EINECS/ELINCS List	1000 lb final RQ 454 kg final RQ Listed Listed Schedule 5 Schedule 6 215-185-5
Propylene glycol Inventory - United States TSCA - Sect. 8(b) Australia (AICS): EU EINECS/ELINCS List	Listed Listed 200-338-0
C.I. Acid Blue 25 Inventory - United States TSCA - Sect. 8(b) Australia (AICS): EU EINECS/ELINCS List	Listed Listed 229-068-1
FD & C Yellow No. 5 Inventory - United States TSCA - Sect. 8(b) Australia (AICS): EU EINECS/ELINCS List	Listed Listed 217-699-5
Water Inventory - United States TSCA - Sect. 8(b) Australia (AICS):	Listed Listed

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15. REGULATORY INFORMATION	
REACH - Annex IV - Exemptions from the	Present
obligations of Register:	
EU EINECS/ELINCS List	231-791-2
Tetrasodium EDTA	
Inventory - United States TSCA - Sect. 8(b)	Listed
Australia (AICS):	Listed
EU EINECS/ELINCS List	200-573-9
TributyItin Oxide	
CERCLA/SARA 313 Emission reporting	1.0% de minimis concentration
Inventory - United States TSCA - Sect. 8(b)	Listed
Australia (AICS):	Listed
EU EINECS/ELINCS List	200-268-0

## **16. OTHER INFORMATION**

### Text of R phrases mentioned in Section 3

R21 - Harmful in contact with skin. R22 - Harmful if swallowed. R25 - Toxic if swallowed. R34 - Causes burns. R35 - Causes severe burns. R36 - Irritating to eyes. R50 - Very toxic to aquatic organisms. R36/38 - Irritating to eyes and skin. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R48/23/25 - Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed. Safety data sheets for individual ingredients. Pfizer proprietary drug development information. Data Sources: Publicly available toxicity information. Updated Section 2 - Hazard Identification. Updated Section 3 - Composition / Information on **Reasons for Revision:** Ingredients. Updated Section 15 - Regulatory Information. Updated Section 12 - Ecological Information. Prepared by: Product Stewardship Hazard Communications Pfizer Global Environment, Health, and Safety Operations

Pfizer Inc believes that the information contained in this Material Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

End of Safety Data Sheet