



## Safety Data Sheet

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LOCTITE 754 EXTEND known as LOCTITE 754 1QT EN

SDS No. : 153614

V001.2

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### SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product name:** LOCTITE 754 EXTEND known as LOCTITE 754 1QT EN

**Intended use:** Rust preventor

**Supplier:**  
Henkel New Zealand Ltd  
2 Allens Rd  
East Tamaki  
Auckland, 2013  
New Zealand  
Phone: +64 (9) 272-6710

**Emergency Telephone for Chemical Accidents:** 24 HOUR EMERGENCY CONTACT NUMBER 0800 243 622

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Classified as hazardous under the New Zealand Hazardous Substances and New Organisms Act (HSNO).

Not classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

#### HSNO Classification:

6.4A Class 6 - Toxicity, Subclass 6.4 - Eye irritant, Hazard Classification A

#### GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>
Serious eye irritation	Category 2A
Skin sensitizer	Category 1
Acute hazards to the aquatic environment	Category 2
Chronic hazards to the aquatic environment	Category 2

#### Hazard pictogram:



#### Signal word:

Warning

<b>Hazard statement(s):</b>	H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.
<b>Precautionary Statement(s):</b>	
<b>Prevention:</b>	P261 Avoid breathing mist/vapours. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves.
<b>Response:</b>	P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage.
<b>Disposal:</b>	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

**General chemical description:** Mixture

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Barium sulfate	7727-43-7	1- < 10 %
Propane-1,2-diol	57-55-6	1- < 10 %
2-butoxyethanol	111-76-2	1- < 10 %
Tannins	1401-55-4	1- < 10 %
Silica, amorphous, fumed, cryst.-free	112945-52-5	1- < 10 %
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1)	55965-84-9	0.0015- < 0.06 %
non hazardous ingredients~		60- <= 100 %

### SECTION 4 FIRST AID MEASURES

<b>Ingestion:</b>	Keep individual calm. Do not induce vomiting. Get medical attention.
<b>Skin:</b>	Immediately flush skin with plenty of water (using soap, if available). If symptoms develop and persist, get medical attention.
<b>Eyes:</b>	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, seek medical advice.
<b>First Aid facilities:</b>	Eye wash and safety shower

### SECTION 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide. Do not use high volume water jet.
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**Decomposition products in case of fire:** Oxides of carbon.  
Traces of  
Oxides of sulfur.

**Particular danger in case of fire:** In case of fire, keep containers cool with water spray.

**Special protective equipment for fire-fighters:** Wear self contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Do not allow material to contaminate ground water system.

**Clean-up methods:** Wipe up with adsorbent material (e.g. cloth, fleece).

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling:** Avoid skin and eye contact.  
Do not wear contact lenses.  
Wash thoroughly after handling.

**Conditions for safe storage:** Store in a cool, well-ventilated place.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Workplace exposure standards:**

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Ceiling	STEL (ppm)	STEL (mg/m3)
BARIUM SULPHATE 7727-43-7			10	~	~	~
PROPANE-1,2-DIOL, PARTICULATES ONLY 57-55-6	Particulate.		10	~	~	~
PROPANE-1,2-DIOL, VAPOUR & PARTICULATES	Vapor and particulates.	150	474	~	~	~
2-Butoxyethanol (Butylglycol ether) 111-76-2		25	121	~	~	~
Particulates not otherwise classified, respirable dust Respirable dust (not otherwise classified) 112945-52-5	Respirable dust.		3	~	~	~
Particulates not otherwise classified, inhalable dust Inhalable dust (not otherwise classified)	Inhalable dust.		10	~	~	~

**Biological Exposure Indices:**

Ingredient [Regulated substance]	Parameters	Biological specimen	Sampling time	Conc.	Basis of biol. exposure index	Remark	Additional Information
2-Butoxyethanol 111-76-2	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	Sampling time: End of shift/ End of work week.	150 mg/g	DE BGW		

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<b>Engineering controls:</b>	Ensure adequate ventilation, especially in confined areas.
<b>Eye protection:</b>	Wear protective glasses.
<b>Skin protection:</b>	Wear suitable protective clothing. The use of chemical resistant gloves such as Nitrile is recommended.
<b>Respiratory protection:</b>	Use only in well-ventilated areas. If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Milky Liquid
<b>Odor:</b>	Mild
<b>pH:</b>	> 2.00
<b>Specific gravity:</b>	1.202
<b>Flash point:</b>	> 93 °C (> 199.4 °F)
<b>Vapor pressure:</b>	24 mbar (; 20 °C (68 °F))
<b>Vapor density:</b>	1.2
<b>Density:</b>	1.202 g/cm <sup>3</sup>
<b>Solubility in water:</b>	Soluble

## SECTION 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of temperature and pressure.
<b>Conditions to avoid:</b>	Heat, flames, sparks and other sources of ignition.
<b>Incompatible materials:</b>	Strong acids and strong bases. Strong reducing agents. Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Oxides of carbon.  Traces of Oxides of sulfur.
<b>Hazardous polymerization:</b>	Will not occur.

## SECTION 11 TOXICOLOGICAL INFORMATION

**Health Effects:****Ingestion:**

May cause irritation of the stomach

**Skin:**

May cause mild skin irritation.

May cause skin sensitization.

**Eyes:**

May cause mild irritation

**Inhalation:**

Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Barium sulfate 7727-43-7	LD50 LD50	> 15,000 mg/kg > 2,000 mg/kg	oral dermal		rat rat	not specified OECD Guideline 402 (Acute Dermal Toxicity)
Propane-1,2-diol 57-55-6	LD50 LC50 LD50	22,000 mg/kg > 317.042 mg/l > 2,000 mg/kg	oral inhalation dermal	2 h	rat rabbit rabbit	not specified not specified not specified
2-butoxyethanol 111-76-2	Acute toxicity estimate (ATE) Acute toxicity estimate (ATE) Acute toxicity estimate (ATE) LD50 LD50	1,200 mg/kg 3 mg/l > 5,000 mg/kg > 2,000 mg/kg > 2,000 mg/kg	oral inhalation dermal dermal	4 h	guinea pig rat rat	Expert judgement Expert judgement Expert judgement OECD Guideline 402 (Acute Dermal Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)
Tannins 1401-55-4	LD50	2,260 mg/kg	oral		rat	not specified
Silica, amorphous, fumed, cryst.-free 112945-52-5	LD50 LC0 LD50	> 5,000 mg/kg 0.139 mg/l > 2,000 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) not specified OECD Guideline 402 (Acute Dermal Toxicity)
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	LD50 LC50 LD50	66 mg/kg 0.171 mg/l 87.12 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Barium sulfate 7727-43-7	not irritating	15 min	Human, EpiSkin™ (SM), Reconstructe d Human Epidermis (RHE)	EPISKIN Method
Propane-1,2-diol 57-55-6	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
2-butoxyethanol 111-76-2	irritating	4 h	rabbit	EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion)
Silica, amorphous, fumed, cryst.-free 112945-52-5	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	corrosive	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Barium sulfate 7727-43-7	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Propane-1,2-diol 57-55-6	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
2-butoxyethanol 111-76-2	irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Silica, amorphous, fumed, cryst.-free 112945-52-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	Category 1 (irreversible effects on the eye)		rabbit	not specified

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
Barium sulfate 7727-43-7	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Propane-1,2-diol 57-55-6	not sensitising	Guinea pig maximisation test	guinea pig	equivalent or similar to OECD Guideline 406 (Skin Sensitisation)
2-butoxyethanol 111-76-2	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	sensitising	Mouse local lymphnode assay (LLNA)	mouse	not specified

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Barium sulfate 7727-43-7	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	with and without with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Propane-1,2-diol 57-55-6	negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test	without with and without		Ames Test OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Propane-1,2-diol 57-55-6	negative negative negative	oral: gavage intraperitoneal oral: gavage		rat mouse rat	not specified not specified not specified
2-butoxyethanol 111-76-2	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	with and without with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
2-butoxyethanol 111-76-2	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Silica, amorphous, fumed, cryst.-free 112945-52-5	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test DNA damage and repair assay, unscheduled DNA synthesis in mammalian cells in vitro			not specified not specified not specified
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	ambiguous positive positive negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay DNA damage and repair assay, unscheduled DNA synthesis in mammalian cells in vitro	with and without with and without with and without not applicable		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay) EPA OPP 84-2 (Mutagenicity Testing) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) OECD Guideline 482 (Genetic Toxicology: DNA Damage and Repair, Unscheduled DNA Synthesis in Mammalian Cells In Vitro)
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	negative negative negative negative negative	oral: gavage oral: gavage oral: feed oral: gavage oral: gavage		mouse mouse Drosophila melanogaster rat rat	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test) OECD Guideline 477 (Genetic Toxicology: Sex-linked Recessive Lethal Test in Drosophila melanogaster) OECD Guideline 486 (Unscheduled DNA Synthesis

					(UDS) Test with Mammalian Liver Cells in vivo) EPA OPP 84-2 (Mutagenicity Testing)
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**Repeated dose toxicity:**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Barium sulfate 7727-43-7	NOAEL=2000 ppm	oral: drinking water	92 ddaily	rat	not specified
Propane-1,2-diol 57-55-6	NOAEL=1,700 mg/kg	oral: feed	2 yearsdaily	rat	not specified
Propane-1,2-diol 57-55-6	NOAEL=1000 mg/m3	inhalation	90 d6 h/d, 5 d/w	rat	not specified
2-butoxyethanol 111-76-2	NOAEL=0.121 mg/l	inhalation	42 or 90 days6 hours/day, 5 days/week	rat	not specified
2-butoxyethanol 111-76-2	NOAEL=< 69 mg/kg	oral: drinking water	90 dcontinuous	rat	equivalent or similar to OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	NOAEL=16.3 mg/kg	oral: drinking water	90 ddaily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	NOAEL=0.34 mg/m3	inhalation: aerosol	90 d6 h/d, 5 d/w	rat	OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)
3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2-methyl-3(2H)- isothiazolone (3:1) 55965-84-9	NOAEL=2.625 mg/kg	dermal	90 d6 h/d	rat	EPA OPP 82-3 (Subchronic Dermal Toxicity 90 Days)

**SECTION 12. ECOLOGICAL INFORMATION****General ecological information:**

Do not empty into drains / surface water / ground water.



**Ecotoxicity:**

H411 Toxic to aquatic life with long lasting effects.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Barium sulfate 7727-43-7	LC50	Toxicity > Water solubility	Fish	96 h	Danio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)
Barium sulfate 7727-43-7	NOEC	Toxicity > Water solubility	Fish	33 d	Danio rerio	OECD Guideline 210 (fish early life stage toxicity test)
Barium sulfate 7727-43-7	EC50	Toxicity > Water solubility	Daphnia	48 h	Daphnia	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Barium sulfate 7727-43-7	EC50	Toxicity > Water solubility	Algae	72 h	Pseudokirchneriella subcapitata (reported as Raphidocelis subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Barium sulfate 7727-43-7	NOEC	Toxicity > Water solubility	Algae	72 h	Pseudokirchneriella subcapitata (reported as Raphidocelis subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Barium sulfate 7727-43-7	EC0	> 10,000 mg/l	Bacteria	30 min		not specified
Propane-1,2-diol 57-55-6	LC50	51,600 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Propane-1,2-diol 57-55-6	EC50	18,340 mg/l	Daphnia	48 h	Ceriodaphnia dubia	other guideline:
Propane-1,2-diol 57-55-6	EC50	24,200 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Propane-1,2-diol 57-55-6	NOEC	15,000 mg/l	Algae	14 d	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Propane-1,2-diol 57-55-6	EC50	> 1,000 mg/l	Bacteria	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
2-butoxyethanol 111-76-2	LC50	1,474 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-butoxyethanol 111-76-2	NOEC	> 100 mg/l	Fish	21 d	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)
2-butoxyethanol 111-76-2	EC50	1,550 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-butoxyethanol 111-76-2	EC50	1,840 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-butoxyethanol 111-76-2	NOEC	286 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-butoxyethanol 111-76-2	EC0	1,000 mg/l	Bacteria	30 min		not specified
Tannins 1401-55-4	LC50	37 mg/l	Fish	96 h	Gambusia affinis	OECD Guideline 203 (Fish, Acute Toxicity Test)
Silica, amorphous, fumed, cryst.-free 112945-52-5	LC50	> 10,000 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
3(2H)-Isothiazolone, 5-chloro- 2-methyl-, mixt. with 2- methyl-3(2H)-isothiazolone (3:1) 55965-84-9	LC50	0.22 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
3(2H)-Isothiazolone, 5-chloro- 2-methyl-, mixt. with 2-	NOEC	0.098 mg/l	Fish	28 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early life

methyl-3(2H)-isothiazolone (3:1) 55965-84-9						stage toxicity test)
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	EC50	0.12 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	NOEC	0.00064 mg/l	Algae	48 h	Skeletonema costatum	OECD Guideline 201 (Alga, Growth Inhibition Test)
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	EC50	0.0063 mg/l	Algae	72 h	Skeletonema costatum	OECD Guideline 201 (Alga, Growth Inhibition Test)
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	EC20	0.97 mg/l	Bacteria	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Propane-1,2-diol 57-55-6	readily biodegradable	aerobic	> 81.7 - 100 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
2-butoxyethanol 111-76-2	readily biodegradable	aerobic	73 %	EU Method C.4-E (Determination of the "Ready" Biodegradability/Closed Bottle Test)
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	inherently biodegradable	aerobic	100 %	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	readily biodegradable	aerobic	> 60 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

**Bioaccumulative potential / Mobility in soil:**

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Barium sulfate 7727-43-7		74.4		Lepomis macrochirus		other guideline:
Propane-1,2-diol 57-55-6	-1.07				20.5 °C	EU Method A.8 (Partition Coefficient)
2-butoxyethanol 111-76-2	0.81				25 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9		3.6		calculation		QSAR (Quantitative Structure Activity Relationship)
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	> -0.71 - 0.75				20 °C	OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

### SECTION 13. DISPOSAL CONSIDERATIONS

- Waste disposal of product:** Dispose of in accordance with local and national regulations.
- Disposal for uncleaned package:** After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Disposal must be made according to official regulations.

### SECTION 14. TRANSPORT INFORMATION

**Dangerous Goods information:**

**Land Transport:**

Not classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

Not dangerous goods

### SECTION 15. REGULATORY INFORMATION

**New Zealand regulatory information:**

Classified as hazardous under the New Zealand Hazardous Substances and New Organisms Act (HSNO).

**HSNO Approval Number:** HSR002670

**Site and Storage:** Refer to the site and storage requirements for this Group Standard.

**NZIoC:** Compliant for NZIOC

### SECTION 16. OTHER INFORMATION

**Abbreviations/acronyms:** IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
IMDG: International Maritime Dangerous Goods code  
HSNO - Hazardous Substances and New Organisms  
TWA - Time weighted average  
STEL - Short term exposure limit

**Reason for issue:** Reviewed SDS. Reissued with new date. involved chapters: 1-16

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**Date of previous issue:** 30.10.2018

**Disclaimer:**

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel New Zealand Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel New Zealand Limited concerning the properties of the material.

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