Safety Data Sheet

LOCTITE SF 7387 ACTIVATOR known as Loctite 7387 activator 100ml EN

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SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE SF 7387 ACTIVATOR known as Loctite 7387 activator 100ml EN

Intended use: activator

Supplier:

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

Emergency information: 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).
Classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

HSNO Classification:

3.1B Class 3 - Flammability, Subclass 3.1 - Liquids, Hazard Classification B
Class 6 - Toxicity, Subclass 6.1 - Acutely toxic, Hazard Classification D
Class 6 - Toxicity, Subclass 6.1 - Acutely toxic, Hazard Classification E
Aspiration toxicity
Class 6 - Toxicity, Subclass 6.3 - Skin irritant, Hazard Classification A
Class 6 - Toxicity, Subclass 6.4 - Eye irritant, Hazard Classification A
Class 6 - Toxicity, Subclass 6.9 - Target organ, Hazard Classification B
Class 9 - Ecotoxicity, Subclass 9.1 - Aquatic, Hazard Classification B

GHS Classification:

Hazard Class	Hazard Category	Route of Exposure	Target organ
Flammable liquids	Category 2		
Acute toxicity	Category 4	Oral	
Skin irritation	Category 2		
Serious eye irritation	Category 2A		
Target Organ Systemic Toxicant - Single exposure	Category 3		Central nervous system
Aspiration hazard	Category 1		
Acute hazards to the aquatic environment	Category 1		
Chronic hazards to the aquatic environment	Category 1		

Hazard pictogram:

Signal word: Danger

Hazard statement(s):
H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

Prevention:
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P261 Avoid breathing mist/vapours.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P391 Collect spillage.

Storage:
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Disposal:
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
Type of preparation: Solvent based activator.

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	64742-49-0	30- < 50 %
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine	34562-31-7	20- < 30 %
Propan-2-ol	67-63-0	10- < 20 %
cyclohexane	110-82-7	1- < 10 %
n-Hexane	110-54-3	0.1- < 1 %

SECTION 4 FIRST AID MEASURES

Ingestion: Rinse out mouth. Do not drink.
Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage.
Get medical attention.

Skin: Rinse with running water and soap.
Seek medical advice.

Eyes: Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Inhalation: Move to fresh air.
If adverse health effects develop seek medical attention.

First Aid facilities: Eye wash
Normal washroom facilities

Medical attention and special treatment: Treat symptomatically and supportively.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, extinguishing powder, carbon dioxide.

Improper extinguishing media: Water jet (solvent-containing product).

Combustion behaviour: Solvent containing flammable product. In case of fire toxic gases are released.

Decomposition products in case of fire: Oxides of carbon, oxides of nitrogen, irritating organic vapors.

Particular danger in case of fire: Vapours may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
In case of fire, keep containers cool with water spray.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Hazchem code: •3YE

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove sources of ignition.
Ensure adequate ventilation.

Environmental precautions: Do not let product enter drains.

Clean-up methods: Wipe up using absorbent material.
Store in a partly filled, closed container until disposal.
Dispose of contaminated material as waste according to Section 13.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Keep away from sources of ignition - no smoking.
Vapours should be extracted to avoid inhalation.
Use only in well-ventilated areas.

Conditions for safe storage: Store in a cool, dry place.
Do not store near sources of heat or ignition, or reactive materials.
Store below 100°F (38°C).

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)
Rubber solvent (Naptha) 64742-49-0		400	1,600	-	-	-
ISOPROPYL ALCOHOL 67-63-0		400	983	-	-	-
ISOPROPYL ALCOHOL		-	-	-	500	1,230
CYCLOHEXANE 110-82-7		100	350	-	-	-
CYCLOHEXANE		-	-	-	300	1,050
HEXANE (N-HEXANE) 110-54-3		20	72	-	-	-

Biological Exposure Indices:

Ingredient [Regulated substance]	Parameters	Biological specimen	Sampling time	Conc.	Basis of biol. exposure index	Remark	Additional Information
n-Hexane 110-54-3 [N-HEXANE]	2,5-Hexanedione	Urine	Sampling time: End of shift.	5 mg/l	NZ BEI		

Ingredient [Regulated substance]	Parameters	Biological specimen	Sampling time	Conc.	Basis of biol. exposure index	Remark	Additional Information
Propan-2-ol 67-63-0	acetone	Blood	Sampling time: End of shift.	25 mg/l	DE BGW		
Propan-2-ol 67-63-0 [2-PROPANOL]	acetone	Urine	Sampling time: End of shift.	25 mg/l	DE BGW		
Cyclohexane 110-82-7	1,2-Cyclohexanediol, with hydrolysis	Creatinine in urine	Sampling time period is for long-term exposures, at the end of the shift after several preceding ones./ Sampling time period is at end of exposure or at end of shift.	150 mg/g	DE BGW		
n-Hexane 110-54-3	Hexane-2,5-dione plus 4,5-Dihydroxy-2-hexanone	Urine	Sampling time: End of shift.	5 mg/l	DE BAT		
n-Hexane 110-54-3	Hexane-2,5-dione plus 4,5-Dihydroxy-2-hexanone (with hydrolysis)	Urine	Sampling time: End of shift.	5 mg/l	DE BGW		
Aniline 62-53-3	Aniline (free)	Urine	Sampling time: End of shift at end of work week.	1 mg/l	DE BAT		
Aniline 62-53-3	Aniline (released from aniline-hemoglobin conjugate)	Blood	Sampling time: End of shift at end of work week.	100 µg/l	DE BAT		
Aniline 62-53-3	Aniline, with hydrolysis	Urine	Sampling time: End of shift/ End of work week.	500 µg/l	DE BGW		

Engineering controls:	Ensure adequate ventilation, especially in confined areas.
Eye protection:	Wear safety glasses with side shields.
Skin protection:	Suitable protective clothing Solvent resistant gloves such as Viton, poly (vinyl alcohol), or equivalent is recommended.
Respiratory protection:	Do not inhale vapors and fumes. 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

Appearance:	Amber liquid
Odor:	Aliphatic
pH:	Not applicable
Melting point / freezing point:	Not applicable, Product is a liquid
Specific gravity:	0.78
Boiling point:	80 °C (176 °F) Approximately
Flash point:	-4 °C (24.8 °F)
Vapor pressure:	35 mm hg
Vapor density:	Heavier than air
Density:	0.78 g/cm3
Solubility in water:	Not miscible

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Heat, flames, sparks and other sources of ignition.
Incompatible materials:	Strong oxidizing agents. Strong acids.
Hazardous decomposition products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

SECTION 11 TOXICOLOGICAL INFORMATION

Health Effects:

Ingestion: Harmful if swallowed.
Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.

Skin: Causes skin irritation.
Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.

Eyes: Vapors may irritate eyes. Contact with eyes will cause irritation.

Inhalation: May cause respiratory tract irritation.
Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	LD50 LC50 Acute toxicity estimate (ATE) LD50	> 5,840 mg/kg > 23.3 mg/l 23.31 mg/l > 2,800 mg/kg	oral inhalation inhalation dermal	 4 h 	rat rat rat	not specified equivalent or similar to OECD Guideline 403 (Acute Inhalation Toxicity) Expert judgement other guideline:
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine 34562-31-7	LD50 Acute toxicity estimate (ATE) LD50	> 500 mg/kg 501 mg/kg > 1,000 mg/kg	oral oral dermal		rat rabbit	other guideline: Expert judgement other guideline:
Propan-2-ol 67-63-0	LD50 LD50	5,840 mg/kg 12,870 mg/kg	oral dermal		rat rabbit	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)
cyclohexane 110-82-7	LD50 LC50 LD50	> 5,000 mg/kg > 32.880 mg/l > 2,000 mg/kg	oral inhalation dermal	 4 h 	rat rat rabbit	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity) equivalent or similar to OECD Guideline 403 (Acute Inhalation Toxicity) equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)
n-Hexane 110-54-3	LD50 LC50 LD50	16,000 mg/kg > 31.86 mg/l > 2,000 mg/kg	oral inhalation dermal	 4 h 	rat rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) not specified not specified

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	irritating	4 h	rabbit	equivalent or similar to OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine 34562-31-7	irritating	4 h	rabbit	EPA OTS 798.4470 (Acute Dermal Irritation)
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine 34562-31-7	not corrosive		Corrositex Biobarrier Membrane (reconstituted collagen matrix)	OECD Guideline 435 (In Vitro Membrane Barrier Test Method for Skin Corrosion)
Propan-2-ol 67-63-0	slightly irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
n-Hexane 110-54-3	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	not irritating		rabbit	FDA Guideline
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine 34562-31-7	Category 2B (mildly irritating to eyes)		rabbit	EPA OTS 798.4500 (Acute Eye Irritation)
Propan-2-ol 67-63-0	Category II		rabbit	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)
cyclohexane 110-82-7	slightly irritating		rabbit	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)
n-Hexane 110-54-3	not irritating		rabbit	not specified

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Propan-2-ol 67-63-0	not sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
cyclohexane 110-82-7	not sensitising	Buehler test	guinea pig	equivalent or similar to OECD Guideline 406 (Skin Sensitisation)
n-Hexane 110-54-3	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Propan-2-ol 67-63-0	negative negative	bacterial reverse mutation assay (e.g Ames test) mammalian cell gene mutation assay	with and without with and without		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Propan-2-ol 67-63-0	negative	intraperitoneal		mouse	equivalent or similar to OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
cyclohexane 110-82-7	negative negative	bacterial reverse mutation assay (e.g Ames test) mammalian cell gene mutation assay	with and without with and without		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
cyclohexane 110-82-7	negative	inhalation: vapour		rat	equivalent or similar to OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)
n-Hexane 110-54-3	negative negative	bacterial reverse mutation assay (e.g Ames test) mammalian cell gene mutation assay	with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
n-Hexane 110-54-3	negative negative	inhalation: vapour inhalation: vapour		mouse rat	not specified not specified

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Propan-2-ol 67-63-0		inhalation: vapour	at least 104 w6 h/d, 5 d/w	rat	OECD Guideline 451 (Carcinogenicity Studies)
cyclohexane 110-82-7		inhalation: vapour	13-14 w6 h/d, 5 d/w	mouse	EPA OPPTS 870.3465 (90-Day Inhalation Toxicity)
n-Hexane 110-54-3	NOAEL=568 mg/kg	oral: gavage	90 d5 d/w	rat	not specified
n-Hexane 110-54-3	NOAEL=500 ppm	inhalation: vapour	90 d6 h/d; 5 d/w	mouse	OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)

SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Do not empty into drains / surface water / ground water., Toxic for aquatics organisms, May cause long-term adverse effects in the aquatic environment.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	LL50	8.2 mg/l	Fish	96 h	Pimephales promelas	EPA-660 (Methods for Acute Toxicity Tests with Fish, Macroinvertebrates and Amphibians)
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	EL50	4.5 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	EL50	3.1 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	NOELR	0.5 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine 34562-31-7	EC50	0.023 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine 34562-31-7	EC50	0.0431 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine 34562-31-7	NOEC	0.017 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Propan-2-ol 67-63-0	LC50	> 9,640 - 10,000 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Propan-2-ol 67-63-0	EC50	> 1,000 mg/l	Algae	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Propan-2-ol 67-63-0	NOEC	1,000 mg/l	Algae	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Propan-2-ol 67-63-0	EC50	> 1,000 mg/l	Bacteria	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
cyclohexane 110-82-7	LC50	4.53 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
cyclohexane 110-82-7	EC50	0.9 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
cyclohexane 110-82-7	EC50	9.317 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
cyclohexane 110-82-7	NOEC	0.95 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
cyclohexane 110-82-7	IC50	29 mg/l	Bacteria	15 h	other:	not specified
n-Hexane 110-54-3	LC50	> 1 - 10 mg/l	Fish	96 h	not specified	OECD Guideline 203 (Fish, Acute Toxicity Test)
n-Hexane 110-54-3	EC50	2.1 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

n-Hexane 110-54-3	EC50	> 1 - 10 mg/l	Algae	72 h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)
n-Hexane 110-54-3	EC50	> 1 - 10 mg/l	Bacteria	3 h	not specified	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	readily biodegradable	aerobic	77.05 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine 34562-31-7	not readily biodegradable.	aerobic	> 0 - < 60 %	OECD 301 A - F
Propan-2-ol 67-63-0	readily biodegradable	aerobic	70 - 84 %	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
cyclohexane 110-82-7	readily biodegradable	aerobic	77 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
n-Hexane 110-54-3	readily biodegradable	aerobic	81 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	4.66					EU Method A.8 (Partition Coefficient)
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine 34562-31-7	6.578					QSAR (Quantitative Structure Activity Relationship)
Propan-2-ol 67-63-0	0.05					OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
cyclohexane 110-82-7		167		Pimephales promelas		QSAR (Quantitative Structure Activity Relationship)
cyclohexane 110-82-7	3.44				25 °C	QSAR (Quantitative Structure Activity Relationship)
n-Hexane 110-54-3	4				20 °C	other guideline:

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product: Dispose of as hazardous waste in compliance with local and national regulations. Waste incineration or special disposal with the approval of the responsible local authority.

Disposal for uncleaned package: Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

SECTION 14. TRANSPORT INFORMATION

Dangerous Goods information:

Land Transport:
Classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

Land Transport:

UN no.:	1993
Proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics,Isopropanol)
Class or division:	3
Packing group:	II
Hazchem code:	•3YE

Marine transport IMDG:

UN no.:	1993
Proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics,Isopropanol,3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine)
Class or division:	3
Packing group:	II
EmS:	F-E ,S-E
Seawater pollutant:	Marine pollutant

Air transport IATA:

UN no.:	1993
Proper shipping name:	Flammable liquid, n.o.s. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics,Isopropanol)
Class or division:	3
Packing group:	II
Packing instructions (passenger)	353
Packing instructions (cargo)	364

Further information for transport:
The shipping classifications in this sections are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

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:	HSR002662
Approved Handler:	Refer to the certified handler requirements in the Health and Safety at Work (Hazardous Substances) Regulations 2017
Site and Storage:	Refer to the site and storage requirements for this Group Standard.
NZIoC:	Compliant for NZIOC

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

STEL - Short term exposure limit
TWA - Time weighted average
HSNO - Hazardous Substances and New Organisms
GHS: Globally Harmonized System
CAS: Chemical Abstracts Service
LD 50: Lethal Dose 50%
LC 50: Lethal Concentration 50%
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

Reason for issue:

Reviewed SDS. Reissued with new date. involved chapters: 1-16

Date of previous issue:

26.07.2018

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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