



Safety Data Sheet

LOCTITE LB 8009 HEAVY DUTY AS 500G

Page 1 of 12

SDS No. : 701307

V001.0

Date of issue: 11.06.2021

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE LB 8009 HEAVY DUTY AS 500G

Intended use: Antiseize

Supplier:

Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture

Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

Hazard Class

Skin sensitizer

Hazard Category

Category 1

Hazard pictogram:



Signal word:

Warning

Hazard statement(s):

H317 May cause an allergic skin reaction.

Precautionary Statement(s):

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.

Response:

P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Disposal:

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Section 3. Composition / information on ingredients

General chemical description: Mineral oil
Type of preparation: Lubricant

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Calcium fluoride	7789-75-5	10- < 30 %
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO	64741-88-4	10- < 30 %
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO	64742-52-5	10- < 30 %
Graphite	7782-42-5	10- < 30 %
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	1- < 10 %
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	70024-69-0	< 1 %
Sulfonic acids, petroleum, calcium salts	61789-86-4	<= 5 %
non hazardous ingredients~		10- <= 20 %

Section 4. First aid measures

Ingestion: Rinse mouth, do not induce vomiting, consult a doctor.
Seek medical advice.

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

Eyes: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical advice.

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

First Aid facilities: Normal washroom facilities

Medical attention and special treatment: Treat symptomatically and supportively.

Section 5. Fire fighting measures

Suitable extinguishing media: Carbon dioxide, foam, powder

Decomposition products in case of fire:	In case of fire toxic gases can be released. Oxides of sulfur. Oxides of carbon.
Particular danger in case of fire:	Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.
Additional fire fighting advice:	In case of fire, keep containers cool with water spray.

Section 6. Accidental release measures

Personal precautions:	Avoid skin and eye contact. Ensure adequate ventilation.
Environmental precautions:	Do not let product enter drains.
Clean-up methods:	For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Section 7. Handling and storage

Precautions for safe handling:	Use only in well-ventilated areas. Vapours should be extracted to avoid inhalation. Prolonged or repeated skin contact should be avoided
Conditions for safe storage:	Store at room temperature.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
FLUORIDES (AS F) 7789-75-5			2.5				
Oil mist, refined mineral 64741-88-4			5				
OIL MIST, REFINED MINERAL 64742-52-5			5				
GRAPHITE (ALL FORMS EXCEPT FIBRES) (RESPIRABLE DUST) (NATURAL & SYNTHETIC) 7782-42-5	Respirable dust.		3				

Engineering controls:	Use only with adequate ventilation. Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
Eye protection:	Wear protective glasses.
Skin protection:	Wear suitable protective clothing. The use of chemical resistant gloves such as Nitrile is recommended. Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
Respiratory protection:	Use only in well-ventilated areas.

Section 9. Physical and chemical properties

Appearance:	Silvery solidSilvery solid
Odor:	characteristiccharacteristic
pH:	Not applicable
Viscosity (dynamic): (; Method: ;; M11; mixing viscosity Brookfield)	135,000 - 235,000 cp

Section 10. Stability and reactivity

Conditions to avoid:	Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.
Incompatible materials:	Oxidizing agents.
Hazardous decomposition products:	Oxides of carbon. Hydrocarbons. Irritating organic vapours.
Hazardous polymerization:	Will not occur.

Section 11. Toxicological information

Health Effects:**Ingestion:****Skin:****Eyes:****Inhalation:**

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Symptoms may include redness, edema, drying, defatting and cracking of the skin.
May cause an allergic skin reaction.
May cause mild irritation
May cause respiratory tract irritation.
This product has low volatility and is not expected to cause respiratory tract irritation during normal conditions of use.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Calcium fluoride 7789-75-5	LD0 LC50	> 2,000 mg/kg	oral inhalation	4 h	rat rat	OECD Guideline 423 (Acute Oral toxicity) OECD Guideline 403 (Acute Inhalation Toxicity)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	LD50 LC50 LD50	> 5,000 mg/kg > 5.53 mg/l > 5,000 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)
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	LD50 LC50 LD50	> 5,000 mg/kg > 5.53 mg/l > 5,000 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)
Graphite 7782-42-5	LD50 LC50	> 2,000 mg/kg	oral inhalation	4 h	rat rat	OECD Guideline 423 (Acute Oral toxicity) OECD Guideline 403 (Acute Inhalation Toxicity)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	LD50 LD50	> 5,000 mg/kg > 5,000 mg/kg	oral dermal		rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	LD50 LD50	> 5,000 mg/kg > 5,000 mg/kg	oral dermal		rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)
Sulfonic acids, petroleum, calcium salts 61789-86-4	LD50 LD50	> 5,000 mg/kg > 5,000 mg/kg	oral dermal		rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Calcium fluoride 7789-75-5	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	not irritating		rabbit	equivalent or similar to OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Graphite 7782-42-5	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	not irritating	4 h	rabbit	EPA OPPTS 870.2500 (Acute Dermal Irritation)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	not irritating	4 h	rabbit	EPA OPPTS 870.2500 (Acute Dermal Irritation)
Sulfonic acids, petroleum, calcium salts 61789-86-4	not irritating	4 h	rabbit	EPA OPPTS 870.2500 (Acute Dermal Irritation)

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Calcium fluoride 7789-75-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	not irritating		rabbit	other guideline:
Graphite 7782-42-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	not irritating		rabbit	EPA OPPTS 870.2400 (Acute Eye Irritation)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	not irritating		rabbit	EPA OPPTS 870.2400 (Acute Eye Irritation)
Sulfonic acids, petroleum, calcium salts 61789-86-4	not irritating		rabbit	EPA OPPTS 870.2400 (Acute Eye Irritation)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Calcium fluoride 7789-75-5	not sensitising	Mouse local lymphnod e assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	not sensitising	Buehler test	guinea pig	equivalent or similar to OECD Guideline 406 (Skin Sensitisation)
Graphite 7782-42-5	not sensitising	Mouse local lymphnod e assay (LLNA)	mouse	equivalent or similar to OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	sensitising	Mouse local lymphnod e assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	sensitising	Mouse local lymphnod e assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Sulfonic acids, petroleum, calcium salts 61789-86-4	sensitising	Mouse local lymphnod e 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
Calcium fluoride 7789-75-5	negative negative negative	in vitro mammalian chromosome aberration test bacterial reverse mutation assay (e.g Ames test)	with and without with and without with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	negative negative	in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	with and without with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	negative			mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Graphite 7782-42-5	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)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	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)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	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)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	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)
Sulfonic acids, petroleum, calcium salts 61789-86-4	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Calcium fluoride 7789-75-5		inhalation: aerosol	28 d6 hours/day, 5 days/week	rat	OECD Guideline 412 (Repeated Dose Inhalation Toxicity: 28/14-Day)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	LOAEL=125 mg/kg	oral: gavage	13 w5 days per week	rat	equivalent or similar to OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Graphite 7782-42-5	NOAEL=ca. 813 mg/kg	oral: feed	daily	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	NOAEL=500 mg/kg	oral: gavage	29 ddaily	rat	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	NOAEL=500 mg/kg	oral: gavage	29 ddaily	rat	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
Sulfonic acids, petroleum, calcium salts 61789-86-4	NOAEL=1,000 mg/kg	oral: gavage	28 ddaily	rat	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)

Section 12. Ecological information

General ecological information:

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

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Calcium fluoride 7789-75-5	NOEC	4 mg/l	Fish	21 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early life stage toxicity test) other guideline:
Calcium fluoride 7789-75-5	EC50	> 26 - 48 mg/l	Daphnia	96 h	other:	other guideline:
Calcium fluoride 7789-75-5	NOEC	231 mg/l	Bacteria	16 h	Pseudomonas putida	other guideline:
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	LC50	> 5,000 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	EC50	> 1,000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	NOEC	500 mg/l	Algae	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	EC50	> 500 mg/l	Algae	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	LC50	> 1,000 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	EC50	> 1,000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	NOELR	100 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Graphite 7782-42-5	LC50	> 10,000 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Graphite 7782-42-5	EC50	> 5,600 mg/l	Daphnia	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Benzenesulfonic acid, C10- 16-alkyl derivs., calcium salts 68584-23-6	LL50	> 10,000 mg/l	Fish	96 h	Cyprinodon variegatus	OECD Guideline 203 (Fish, Acute Toxicity Test)
Benzenesulfonic acid, C10-16- alkyl derivs., calcium salts 68584-23-6	EC50	> 1,000 mg/l	Daphnia	48 h	Daphnia magna	EPA OTS 797.1300 (Aquatic Invertebrate Acute Toxicity Test, Freshwater Daphnids)
Benzenesulfonic acid, C10-16- alkyl derivs., calcium salts 68584-23-6	EC50	> 1,000 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
Benzenesulfonic acid, C10-16- alkyl derivs., calcium salts 68584-23-6	NOEC	1,000 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
Benzenesulfonic acid, mono- C16-24-alkyl derivs., calcium salts 70024-69-0	LC50	Toxicity > Water solubility	Fish	96 h	Cyprinodon variegatus	OECD Guideline 203 (Fish, Acute Toxicity Test)
Benzenesulfonic acid, mono- C16-24-alkyl derivs., calcium	EC50	Toxicity > Water solubility	Daphnia	48 h	Daphnia magna	EPA OTS 797.1300 (Aquatic

salts 70024-69-0						Invertebrate Acute Toxicity Test, Freshwater Daphnids)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	EC50	Toxicity > Water solubility	Algae	72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	NOEC	Toxicity > Water solubility	Algae	72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
Sulfonic acids, petroleum, calcium salts 61789-86-4	LL50	> 1,000 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	EC50	> 1,000 mg/l	Daphnia	48 h	Daphnia magna	EPA OTS 797.1300 (Aquatic Invertebrate Acute Toxicity Test, Freshwater Daphnids)
Sulfonic acids, petroleum, calcium salts 61789-86-4	NOELR	100 mg/l	Algae	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	EL50	> 100 mg/l	Algae	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	EC50	> 10,000 mg/l	Bacteria	3 h	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Distillates (petroleum), solvent-refined heavy paraffinic; <3% DMSO 64741-88-4	not readily biodegradable.	aerobic	6 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	not readily biodegradable.	aerobic	6 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	not readily biodegradable.	aerobic	8 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	not readily biodegradable.	aerobic	8 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	not readily biodegradable.	aerobic	8 %	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
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts 70024-69-0	10.88				25 °C	OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
Sulfonic acids, petroleum, calcium salts 61789-86-4	22.12				25 °C	QSAR (Quantitative Structure Activity Relationship)

Section 13. Disposal considerations**Waste disposal of product:**

Dispose of according to Federal, State and local governmental regulations.

Disposal for uncleaned package: Dispose of in accordance with local and national regulations.

Section 14. Transport information

Road and Rail Transport:

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

Not dangerous goods

Section 15. Regulatory information

SUSMP Poisons Schedule None

AIIC: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICIS).

Section 16. Other information

Abbreviations/acronyms: ADGC - Australian Dangerous Goods Code
TWA - Time weighted average
STEL - Short term exposure limit
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
AIIC - Australian Inventory of Industrial Chemicals (AIIC)
AICIS - Australian Industrial Chemicals Introduction Scheme

Reason for issue: Reviewed SDS. Reissued with new date. involved chapters: 2,10,16

Date of previous issue: 26.10.2016

Disclaimer:

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. 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 Australia Pty. Limited concerning the properties of the material.

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