

Safety Data Sheet

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SDS No.: 738228

V001.0

Revision: 17.10.2023 printing date: 13.09.2024

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

Product name:

LOCTITE 460 BO20G EN/CH/JP

Other means of identification:

LOCTITE 460 BO20G EN/CH/JP

LOCTITE 460 BO20G EN/CH/JP

Product code:

IDH271857

Recommended use of the chemical and restrictions on use

Intended use:

Cyanoacrylate

Manufacturer/Importer/Distributor Representative Company

Henkel Thailand Ltd. The Offices at Centralworld,

35th Floor, 999/9 Rama 1 Rd., Kwang Patumwan, Khet Patumwan,

10330 Bangkok

Thailand

Phone: +66 (2209) 8000 Fax-no.: +66 (2209) 8008

E-mail address of person responsible for Safety Data Sheet:

ap-ua-psra.sea@henkel.com

Emergency Telephone for Chemical Accidents:

FOR EMERGENCIES ONLY (Spill, major leak, Fire, Exposure, or Accident). Call CHEMTREC: +1 703-741-5970

Section 2. Hazards identification

GHS Classification:

<u>Hazard Class</u> <u>Hazard Category</u>

Chronic hazards to the aquatic Category 3

environment

GHS label elements:

Hazard statement:

H412 Harmful to aquatic life with long lasting effects.

Precaution:

Prevention:

P273 Avoid release to the environment.

Disposal:

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

Section 3. Composition / information on ingredients

Substance or Mixture:

Mixture

Declaration of hazardous chemical:

Hazard component CAS-No.	Content	GHS Classification
Bis(3-ethyl-5-methyl-4-maleimidophenyl)methane	1- 10 %	Acute hazards to the aquatic environment 1
105391-33-1		H400
		Chronic hazards to the aquatic environment 1
		H410
Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane	0.1- 1 %	Toxic to reproduction 1B
119-47-1		H360
Hydroquinone	< 0.1 %	Acute toxicity 4; Oral
123-31-9		H302
		Serious eye damage/eye irritation 1
		H318
		Skin sensitizer 1
		H317
		Germ cell mutagenicity 2
		H341
		Carcinogenicity 2
		H351
		Acute hazards to the aquatic environment 1
		H400
		Chronic hazards to the aquatic environment 1
		H410

Section 4. First aid measures

Inhalation:

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

Skin contact:

If lips are accidentally stuck together apply warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth.

Peel or roll lips apart. Do not try to pull the lips apart with direct opposing action.

Cyanoacrylates give off heat on solidification. In rare cases a large drop will generate enough heat to cause a burn.

Burns should be treated normally after the adhesive has been removed from the skin.

Do not pull bonded skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm soapy water.

Eye contact:

If the eye is bonded closed, release eyelashes with warm water by covering with wet pad.

Keep eye covered until debonding is complete, usually within 1-3 days.

Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive.

Do not force eye open. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.

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Ingestion:

Ensure that breathing passages are not obstructed. The product will polymerise immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours).

Indication of immediate medical attention and special treatment needed:

See section: Description of first aid measures

Section 5. Fire fighting measures

Suitable extinguishing media:

Foam, extinguishing powder, carbon dioxide.

Fine water spray

Specific hazards arising from the chemical:

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx) can be released.

Special protection equipment and precautions for firefighters:

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional fire fighting advice:

In case of fire, keep containers cool with water spray.

Section 6. Accidental release measures

Personal precautions:

Avoid contact with skin and eyes.

Wear protective equipment.

Ensure adequate ventilation.

See advice in section 8

Environmental precautions:

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

Clean-up methods:

Dispose of contaminated material as waste according to Section 13.

Do not use cloths for mopping up. Flood with water to complete polymerization and scrape off the floor. Cured material can be disposed of as non-hazardous waste.

Section 7. Handling and storage

Handling:

Avoid skin and eye contact.

See advice in section 8

Ventilation (low level) is recommended when using large volumes

Use of dispensing equipment is recommended to minimise the risk of skin or eye contact

Storage:

Refer to Technical Data Sheet

Section 8. Exposure controls / personal protection

Components with specific control parameters for workplace:

HYDROQUINONE 123-31-9	Value type	Time Weighted Average (TWA):
	mg/m ³	1
	Remarks	ACGIH
HYDROQUINONE 123-31-9	Value type	Time Weighted Average (TWA):
	mg/m ³	2
	Remarks	TH OEL

Respiratory protection:

Ensure adequate ventilation.

An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

Filter type: A (EN 14387)

Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (NBR; >= 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (NBR; >= 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Polyethylene or polypropylene gloves are recommended when using large volumes.

Do not use PVC, rubber or nylon gloves.

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.

Eye protection:

Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing. Protective eye equipment should conform to EN166.

Body protection:

Wear suitable protective clothing.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Engineering controls:

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

General protection and hygiene measures:

The workplace should be equipped with an emergency shower and eye-rinsing facility.

Hygienic measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

Take off contaminated clothing and wash before reuse.

Section 9. Physical and chemical properties

Appearance: Colorless to light yellow

liquid

Odor: characteristic
Odor threshold (CA): No data available.

pH: Not applicable, Product reacts with water.

Melting point / freezing point: Not applicable, Product is a liquid

 Specific gravity:
 No data available.

 Boiling point:
 > 149 °C (> 300.2 °F)

 Flash point:
 80 - 93.3 °C (176 - 199.94 °F)

(None)

Evaporation rate:

Flammability (solid, gas):

Lower explosive limit:

Upper explosive limit:

Vapor pressure:

(NoneNoneno method / method unknown; 50 °C (122 °F))

No data available.

No data available.

< 0.2 mm hg
< 30.0000000 Pa
< 700 mbar

Vapor density: > 1

Density: 1.1 g/cm3

Solubility: Polymerises in presence of water. (20 °C)

Partition coefficient: n- No data available.

octanol/water:

Auto ignition: No data available. **Decomposition temperature:** No data available.

Viscosity: 25.0 - 55.0 mPa.s (Cone and plate; Shear gradient: 3,000 s-1; Method: ;; LCT STM 740;

cone & plate viscosity)

VOC content: < 3 %

(2010/75/EC)

Section 10. Stability and reactivity

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

Conditions to avoid:

Stable under normal conditions of storage and use.

Hazardous decomposition products:

None if used for intended purpose.

Section 11. Toxicological information

General toxicological Cyanoacrylates are considered to have relatively low toxicity. Acute oral LD50 is information: >5000mg/kg (rat). It is almost impossible to swallow as it rapidly polymerises in the constant of the c

>5000mg/kg (rat). It is almost impossible to swallow as it rapidly polymerises in the mouth. Prolonged exposure to high concentrations of vapours may lead to chronic effects in sensitive

individuals

In dry atmosphere with < 50% humidity, vapours may irritate the eyes and respiratory system

Prolonged or repeated contact may cause skin irritation. Prolonged or repeated contact may cause eye irritation. Symptoms of Overexposure:

Acute oral toxicity:

Bis(3-ethyl-5-methyl-4-	Value type	LD50
maleimidophenyl)methane	Value	> 5,000 mg/kg
105391-33-1	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
Bis(2-hydroxy-3-tert-butyl-5-	Value type	LD50
methylphenyl)methane	Value	> 10,000 mg/kg
119-47-1	Species	rat
	Method	not specified
Hydroquinone	Value type	LD50
123-31-9	Value	367 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

Bis(2-hydroxy-3-tert-butyl-5-	Value type	LD50	
methylphenyl)methane	Value	> 10,000 mg/kg	
119-47-1	Species	rat	
	Method	not specified	
Hydroquinone	Value type	LD50	
Hydroquinone 123-31-9	Value type Value	LD50 > 2,000 mg/kg	
J 1			

Skin corrosion/irritation:

Bis(3-ethyl-5-methyl-4-	Result	not irritating
maleimidophenyl)methane	Exposure time	4 h
105391-33-1	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Hydroquinone	Result	not irritating
123-31-9	Exposure time	24 h
	Species	rabbit
	Method	Weight of evidence

Serious eye damage/irritation:

Bis(3-ethyl-5-methyl-4-	Result	not irritating
maleimidophenyl)methane	Exposure time	24 h
105391-33-1	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Bis(3-ethyl-5-methyl-4-	Result	not sensitising
maleimidophenyl)methane	Test type	Guinea pig maximisation test
105391-33-1	Species	guinea pig
	Method	OECD Guideline 406 (Skin Sensitisation)
Hydroquinone	Result	sensitising
123-31-9	Test type	Guinea pig maximisation test
	Species	guinea pig
	Method	equivalent or similar to OECD Guideline 406 (Skin Sensitisation)
Hydroquinone	Result	sensitising
123-31-9	Test type	Mouse local lymphnode assay (LLNA)
	Species	mouse
	Method	equivalent or similar to OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Germ cell mutagenicity:

Bis(3-ethyl-5-methyl-4-	Result	negative
maleimidophenyl)methane	Type of study / Route of administration	bacterial gene mutation assay
105391-33-1	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Bis(2-hydroxy-3-tert-butyl-5-	Result	negative
methylphenyl)methane	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
119-47-1	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Hydroquinone	Result	negative
123-31-9	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Hydroquinone	Result	negative
123-31-9	Type of study / Route of administration	in vitro mammalian chromosome aberration test
123 31 7	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 473 (In vitro Mammalian Chromosome
	Method	Aberration Test)
Hydroquinone	Result	positive
123-31-9	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Hydroquinone	Result	positive
123-31-9	Type of study / Route of administration	intraperitoneal
	Metabolic activation / Exposure time	
	Species	mouse
	Method	equivalent or similar to OECD Guideline 474
		(Mammalian Erythrocyte Micronucleus Test)
Hydroquinone	Result	negative
123-31-9	Type of study / Route of administration	oral: gavage
	Metabolic activation / Exposure time	
	Species	rat
	Method	equivalent or similar to OECD Guideline 478 (Genetic
		Toxicology: Rodent Dominant Lethal Test)
Hydroquinone	Result	positive
123-31-9	Type of study / Route of administration	intraperitoneal
	Metabolic activation / Exposure time	
	Species	mouse
	Method	equivalent or similar to OECD Guideline 483
		(Mammalian Spermatogonial Chromosome Aberration
		Test)

Repeated dose toxicity:

Hydroquinone	Result	NOAEL=50 mg/kg
123-31-9	Route of application	oral: gavage
	Exposure time / Frequency of treatment	13 w5 d/w
	Species	rat
	Method	not specified
Hydroquinone	Result	NOAEL=73.9 mg/kg
123-31-9	Route of application	dermal
	Exposure time / Frequency of treatment	13 w6 h/d, 5 d/w
	Species	rat
	Method	equivalent or similar to OECD Guideline 411 (Subchronic
		Dermal Toxicity: 90-Day Study)

Section 12. Ecological information

Ecotoxicity:

H412 Harmful to aquatic life with long lasting effects.

Toxicity:

Value D.S. mgs	Bis(3-ethyl-5-methyl-4-	Value type	LC50
Acute Toxicity Study			
Eyrosure time			
Species			
Method OECD Guideline 203 (Fish, Acute Toxicity Test)			
Value	Bis(3-ethyl-5-methyl-4-		
			> 1 - 10 mg/l
Exposure time			
Species			
Method OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)		Species	
Bis(2-hydroxy-3-terr-butyl-5-methylpheny)methane			OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Toxicity Water solubility Fish	Bis(2-hydroxy-3-tert-butyl-5-	Value type	
Acute Toxicity Study Fish Exposure time 96 h Species Oryzins latipes	methylphenyl)methane	Value	Toxicity > Water solubility
Species		Acute Toxicity Study	Fish
Method			96 h
Method		Species	Oryzias latipes
Main		Method	
Main	Bis(2-hydroxy-3-tert-butyl-5-	Value type	
Exposure time	methylphenyl)methane	Value	Toxicity > Water solubility
Exposure time		Acute Toxicity Study	
Method		Exposure time	48 h
		Species	Daphnia magna
Mature		Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
119-47-1	Bis(2-hydroxy-3-tert-butyl-5-	Value type	EC50
Exposure time 72 h Species Pseudokirchneriella subcapitata (reported as Selenastrum capricomutum OECD Guideline 201 (Alga, Growth Inhibition Test)	methylphenyl)methane	Value	Toxicity > Water solubility
Species	119-47-1	Acute Toxicity Study	Algae
Method		Exposure time	72 h
Value type		Species	Pseudokirchneriella subcapitata (reported as Selenastrum capricornutum)
Value Toxicity > Water solubility		Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
Acute Toxicity Study Algae		Value type	NOEC
Exposure time Species Pseudokirchneriella subcapitata (reported as Selenastrum capricomutum Method OECD Guideline 201 (Alga, Growth Inhibition Test)			Toxicity > Water solubility
Species Pseudokirchneriella subcapitata (reported as Selenastrum capricomutum Method OECD Guideline 201 (Alga, Growth Inhibition Test)		Acute Toxicity Study	Algae
Method OECD Guideline 201 (Alga, Growth Inhibition Test)		Exposure time	72 h
Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane			Pseudokirchneriella subcapitata (reported as Selenastrum capricornutum)
methylphenyl)methane 119-47-1 Acute Toxicity Study Exposure time 3 h Species Method OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) Value type 123-31-9 Hydroquinone 123-31-9 Value Uspe EC 50 Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Value Uspe EC 50 Value Uspe E		Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
Acute Toxicity Study Bacteria	Bis(2-hydroxy-3-tert-butyl-5-	Value type	EC50
Exposure time 3 h Species activated sludge Method OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)	methylphenyl)methane	Value	Toxicity > Water solubility
Species activated sludge	119-47-1	Acute Toxicity Study	Bacteria
Method OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)			
Hydroquinone Value type LC50			
Value 0.638 mg/l Acute Toxicity Study Fish Exposure time 96 h Species Oncorhynchus mykiss Method OECD Guideline 203 (Fish, Acute Toxicity Test) Hydroquinone 123-31-9 Value 0.134 mg/l Acute Toxicity Study Daphnia Exposure time 48 h Species Daphnia magna Method OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) Hydroquinone 123-31-9 Value 0.335 mg/l Acute Toxicity Study Algae Exposure time 72 h Species Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone Value type EC 50 Species Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone Value Douglast Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone Value Douglast Suddy Bacteria Selenastrum Sommin Som		Method	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Acute Toxicity Study Exposure time 96 h Species Oncorhynchus mykiss Method OECD Guideline 203 (Fish, Acute Toxicity Test) Hydroquinone 123-31-9 Value 123-31-9 Value O.134 mg/l Acute Toxicity Study Daphnia Exposure time 48 h Species Daphnia magna Method OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) Hydroquinone Value ype EC50 Value O.335 mg/l Acute Toxicity Study Algae Exposure time 72 h Species Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone Value type EC 50 Value OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone Value type EC 50 Value OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone Value type EC 50 Value O.038 mg/l Acute Toxicity Study Bacteria Exposure time 30 min	Hydroquinone	Value type	LC50
Exposure time 96 h	123-31-9	Value	0.638 mg/l
Species Oncorhynchus mykiss			
Method OECD Guideline 203 (Fish, Acute Toxicity Test) Hydroquinone 123-31-9 Value type EC50 Value 0.134 mg/l Acute Toxicity Study Daphnia Exposure time 48 h Species Daphnia magna Method OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) Hydroquinone 123-31-9 Value 0.335 mg/l Acute Toxicity Study Algae Exposure time 72 h Species Method OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) Hydroquinone Value 0.335 mg/l Acute Toxicity Study Algae Exposure time 72 h Species Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone 123-31-9 Value 0.038 mg/l Acute Toxicity Study Bacteria Exposure time 30 min		Exposure time	
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Value		Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Acute Toxicity Study Exposure time 48 h Species Daphnia magna Method OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) Hydroquinone 123-31-9 Value type EC50 Value 0.335 mg/l Acute Toxicity Study Algae Exposure time 72 h Species Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone 123-31-9 Value type EC 50 Value 0.038 mg/l Acute Toxicity Study Bacteria Exposure time 30 min	Hydroquinone		
Exposure time Species Daphnia magna Method OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) Hydroquinone Value type EC50 Value 0.335 mg/l Acute Toxicity Study Algae Exposure time 72 h Species Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone Value type EC 50 Value 0.038 mg/l Acute Toxicity Study Bacteria Exposure time 30 min	123-31-9		
Species Daphnia magna Method OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) Hydroquinone 123-31-9 Value type EC50 Value 0.335 mg/l Acute Toxicity Study Algae Exposure time 72 h Species Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone 123-31-9 Value type EC 50 Value 0.038 mg/l Acute Toxicity Study Bacteria Exposure time 30 min			
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Exposure time 72 h Species Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone Value type EC 50 Value 0.038 mg/l Acute Toxicity Study Bacteria Exposure time 30 min	123-31-9		
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Method OECD Guideline 201 (Alga, Growth Inhibition Test) Hydroquinone Value type EC 50 Value 0.038 mg/l Acute Toxicity Study Bacteria Exposure time 30 min		•	
Hydroquinone Value type EC 50 123-31-9 Value 0.038 mg/l Acute Toxicity Study Bacteria Exposure time 30 min			Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)
123-31-9		Method	
Acute Toxicity Study Bacteria Exposure time 30 min	Hydroquinone		
Exposure time 30 min	123-31-9		
Species			30 min
		Species	

Method	not specified	•

Persistence and degradability:

Bis(3-ethyl-5-methyl-4-	Result	not readily biodegradable.
maleimidophenyl)methane	Route of application	aerobic
105391-33-1	Degradability	> 0 - < 60 %
	Method	OECD 301 A - F
Bis(2-hydroxy-3-tert-butyl-5-	Result	under test conditions no biodegradation observed
methylphenyl)methane	Route of application	aerobic
119-47-1	Degradability	0 %
	Method	OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))
Hydroquinone	Result	readily biodegradable
123-31-9	Route of application	aerobic
	Degradability	75 - 81 %
	Method	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)

Bioaccumulative potential / Mobility in soil:

Bis(3-ethyl-5-methyl-4-maleimidophenyl)methane 105391-33-1	Bioconcentration factor (BCF)	674
	Exposure time	
	Species	not specified
	Temperature	
	Method	OECD Guideline 305 (Bioconcentration: Flow-through Fish Test)
Bis(2-hydroxy-3-tert-butyl-5- methylphenyl)methane 119-47-1	Bioconcentration factor (BCF)	320 - 780
	Exposure time	60 d
	Species	Cyprinus carpio
	Temperature	
	Method	OECD Guideline 305 E (Bioaccumulation: Flow-through Fish Test)
Bis(2-hydroxy-3-tert-butyl-5- methylphenyl)methane 119-47-1	LogPow	6.25
	Temperature	20 °C
	Method	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake
		Flask Method)
Hydroquinone 123-31-9	LogPow	0.59
	Temperature	
	Method	EU Method A.8 (Partition Coefficient)

Section 13. Disposal considerations

Product

Method of disposal:

Dispose of in accordance with local and national regulations.

Packaging

Disposal of uncleaned packages:

Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

Section 14. Transport information

Road transport ADR:

Not dangerous goods

Railroad transport RID:

Not dangerous goods

Inland water transport ADN:

Not dangerous goods

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

Not dangerous goods

Section 15. Regulatory information

Regulatory Information:

Ministry of Industry Notice. The system to classify and communicate the hazard of hazardous material, BE. 2555

Global inventory status:

Regulatory list	Notification
TSCA	yes
DSL	yes
KECI (KR)	yes
ISHL (JP)	yes
IECSC	yes
TCSI	yes

Section 16. Other information

Disclaimer:

This Safety Data Sheet has been generated based on Ministry of Industry Notice. The system to classify and communicate the hazard of hazardous material, BE. 2555 only. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance.

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Dear Customer,

Henkel is committed to creating a sustainable future by promoting opportunities along the entire value chain. If you would like to contribute by switching from a paper to the electronic version of SDS, please contact the local Customer Service representative. We recommend to use a non-personal email address (e.g. SDS@your_company.com).