

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : MESAMOLL
Product code : 000000000000402133
REACH Registration Number : 01-2119485386-26-0000

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : plastics additive, Rubber

1.3 Details of the supplier of the safety data sheet

Company : LANXESS Deutschland GmbH
Production, Technology,
Safety & Environment
51369 Leverkusen, Germany

Responsible Department : +49 221 8885 2288
infosds@lanxess.com

1.4 Emergency telephone number

Emergency telephone number : For 24/7 multilingual emergency please call
CHEMTREC EMEA: +44 20 3885 0382 and mention CCN
1001748.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

|| Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

|| Not a hazardous substance or mixture.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical nature : Substance of unknown or variable composition, complex reaction products or biological material (UVCB)
Alkyl sulphonic acid ester of phenol

Components

|| Remarks : No hazardous ingredients

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Do not leave the victim unattended.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

If inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and water.
Remove contaminated clothing and shoes.
If symptoms persist, call a physician.

In case of eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.

If swallowed : Rinse mouth with water.
Give small amounts of water to drink.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

Stop if the exposed person feels sick as vomiting may be dangerous.
DO NOT induce vomiting unless directed to do so by a physician or poison control center.
If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
Never give anything by mouth to an unconscious person.
If unconscious, place in recovery position and get medical attention immediately.
Keep respiratory tract clear.
Loosen tight clothing such as a collar, tie, belt or waistband.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products : Carbon dioxide (CO₂)
Carbon monoxide
Sulphur oxides

5.3 Advice for firefighters

Special protective equipment for firefighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Further information : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
No action shall be taken involving any personal risk or without suitable training.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : No action shall be taken involving any personal risk or without suitable training.
Keep unnecessary and unprotected personnel from entering.
Do not touch or walk through spilt material.
Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
Dispose of wastes in an approved waste disposal facility.

6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat, drink or smoke. Wash hands and face before breaks and immediately after handling the product.
Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep containers sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate container to avoid environmental contamination. Electrical installations /

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

working materials must comply with the technological safety standards.

Advice on common storage : No materials to be especially mentioned.

Storage class (TRGS 510) : 10, Combustible liquids

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

|| Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
C14-17 alkanes, sec-mono- and disulfonic acids, phenyl esters	Workers	Inhalation	Long-term exposure, Systemic effects	6,5 mg/m ³
	Workers	Inhalation	Short-term exposure, Systemic effects	84,8 mg/m ³
	Workers	Dermal	Systemic effects, Long-term exposure	0,93 mg/kg bw/day
	Workers	Dermal	Short-term exposure, Systemic effects	52,75 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
C14-17 alkanes, sec-mono- and disulfonic acids, phenyl esters	Soil	27,1 mg/kg dry weight (d.w.)

8.2 Exposure controls

Engineering measures

If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal protective equipment

Eye protection : Safety glasses with side-shields

Hand protection
Wearing time : < 60 min

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

Material : Polyvinyl chloride - PVC

Material : Nitrile rubber - NBR

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves. After contamination with product change the gloves immediately and dispose of them according to relevant national and local regulations

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

In the case of vapour formation use a respirator with an approved filter.

Filter type : Organic vapour type (A)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Clear viscous liquid.

Physical state : liquid

Colour : yellow

Odour : odourless

Odour Threshold : No data available

Melting point/range : No data available

Boiling point/boiling range : 300 - 400 °C (1.013 hPa)

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : 210 - 240 °C
Method: Calculated value

Decomposition temperature : > 300 °C

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

pH : No data available

Viscosity
 Viscosity, dynamic : 122,9 mPa,s (20 °C)
 Viscosity, kinematic : No data available

Solubility(ies)
 Water solubility : 0,0022 g/l
 Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : log Pow: 5,7 - 11,3
Method: OECD Test Guideline 117

Vapour pressure : < 0,0001 hPa (20 °C)
 < 0,0001 hPa (25 °C)

Relative density : No data available

Density : 1,04 - 1,07 g/cm³ (20 °C)

9.2 Other information

Explosives : No data available

Oxidizing properties : No data available

Flammable solids
 Burning number : No data available

Self-ignition : No data available

Evaporation rate : No data available

Miscibility with water : No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No specific data.

10.6 Hazardous decomposition products

Hazardous decomposition products : sulphur dioxide
phenol

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : LD50 (Rat, male): > 15.900 mg/kg
Remarks: Information refers to the main component.

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Dosage caused no mortality
Information refers to the main component.

Skin corrosion/irritation

Not classified based on available information.

Product:

Species : Rabbit
Result : No skin irritation
Remarks : Information refers to the main component.

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Species : Rabbit
Result : No eye irritation
Remarks : Information refers to the main component.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

Respiratory sensitisation

Not classified based on available information.

Product:

Exposure routes : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Did not cause sensitisation on laboratory animals.
GLP : yes
Remarks : Information refers to the main component.

Germ cell mutagenicity

Not classified based on available information.

Product:

Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
Remarks: Information refers to the main component.

Test Type: Chromosome aberration test in vitro
Test system: Chinese hamster lung cells
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476
Result: negative
GLP: yes
Remarks: Information refers to the main component.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Product:

Effects on fertility : Application Route: Oral
Duration of Single Treatment: 119 - 140 d
General Toxicity - Parent: NOAEL: 600 ppm
Method: OECD Test Guideline 415
GLP: yes
Remarks: Information refers to the main component.

Effects on foetal development : Test Type: reproductive and developmental toxicity study
Species: Rat, female
Application Route: Oral
Duration of Single Treatment: 14 d
General Toxicity Maternal: NOAEL: 300 mg/kg body weight
Teratogenicity: NOAEL: 1.000 mg/kg body weight
Method: OECD Test Guideline 414

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

Result: No effects on fertility and early embryonic development were detected.

GLP: yes

Remarks: Information refers to the main component.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Product:

Species : Rat, male and female
NOAEL : 3.000 mg/kg
Application Route : Oral
Exposure time : 90 d
Method : OECD Test Guideline 408
GLP : yes
Remarks : Subchronic toxicity
Information refers to the main component.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : No data available

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : LC0 (Danio rerio (zebra fish)): > 2 mg/l
Exposure time: 96 h

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

Method: Regulation (EC) No. 440/2008, Annex, C.1
GLP: yes
Remarks: Fresh water
Information refers to the main component.

Toxicity to daphnia and other aquatic invertebrates : EC0 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h
Method: Regulation (EC) No. 440/2008, Annex, C.2
GLP: yes
Remarks: Fresh water
Information refers to the main component.

Toxicity to algae/aquatic plants : EC0 (Desmodesmus subspicatus (green algae)): > 2 mg/l
End point: Growth rate
Exposure time: 72 h
Method: Regulation (EC) No. 440/2008, Annex, C.3
GLP: yes
Remarks: Information refers to the main component.

Toxicity to microorganisms : EC50 (adapted and activated sludge micro-organism): > 10.000 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209
GLP: no
Remarks: Information refers to the main component.

12.2 Persistence and degradability

Product:

Biodegradability : Inoculum: activated sludge
Concentration: 100 mg/l
Result: Not readily biodegradable.
Biodegradation: 61 %
Exposure time: 47 d
Method: Regulation (EC) No. 440/2008, Annex, C.4-D
GLP: yes
Remarks: Information refers to the main component.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Adsorbed organic bound halogens (AOX) : Remarks: The product contains organically bounded halogens and can contribute to the AOX value in waste water.

Additional ecological information : In the range of solubility in water non-toxic under conditions of test.
The product does not contain heavy metals in concentrations of concern for waste water.
The product does not release nitrogen which can contribute to eutrophication.
The product does not contain phosphates or organophosphorus compounds.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimised wherever possible.
Wastedisposal should be in accordance with existing federal state, provincial and or local environmental controls
Dispose of wastes in an approved waste disposal facility.
Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

14.1 UN number or ID number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MESAMOLL

Version 3.0 Revision Date: 06.07.2022 SDS Number: 203000012125 Date of last issue: 16.08.2021
Country / Language: DE / 6N (EN)

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Hazard and Handling Notes. : Not dangerous cargo.
Keep separated from foodstuffs.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Not applicable
- International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable
- REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).
- Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable
- Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable
- Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors. : Neither banned nor restricted
- Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable
- REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MESAMOLL

Version	Revision Date:	SDS Number:	Date of last issue: 16.08.2021
3.0	06.07.2022	203000012125	Country / Language: DE / 6N (EN)

Not applicable

Water hazard class (Germany) : WGK 1 slightly hazardous to water
Classification according to AwSV, Annex 1 (4)

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

The data contained in this Safety Data Sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered to be a guidance for processing and does not contain any

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MESAMOLL

Version	Revision Date:	SDS Number:	Date of last issue: 16.08.2021
3.0	06.07.2022	203000012125	Country / Language: DE / 6N (EN)

warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of the recipient of the product to ensure that any proprietary rights and existing laws and legislation are observed.