

MATERIAL SAFETY DATA SHEET

CRESOL AND SOAP SOLUTION (Lysol)

MSDS CAS: 12772-68-8

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: CRESOL AND SOAP SOLUTION

CAS#: 12772-68-8

Synonym: Lysol

Chemical Name: Cresol and Soap Solution

Chemical Formula: Not Available.

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: **OXFORD LAB FINE CHEM LLP**
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Section 2: Composition and Information on Ingredients

Composition:

Substance name	Contents	CAS No	EC No	Annex No	REAC H Ref.	Classification
CRESOL MIXED ISOMERS	> 10 < 15 %	1319-77-3	-----	-----	-----	R68T; R24/25Xn; R20-68C; R34 R52-53 Acute Tox. 3 (skin) _ H311 Acute Tox. 3 (oral) _ H301 Skin Corr. 1B _ H314 Acute Tox. 4 (inhal) _ H332 STOT SE 2 _ H371 Aquatic Chronic 3 _ H412

Substance name	Contents	CAS No	EC No	Annex No	REAC H Ref.	Classification
Phenol	> 25 < 50 %	108-95-2	203-632-7	604-001-00-2	-----	Muta. Cat. 3; R68 T; R23/24/25 Xn; R48/20/21/22 C; R34 ----- Acute Tox. 3 (skin) _ H311 Acute Tox. 3 (inhal) _ H331 Acute Tox. 3 (oral) _ H301 Skin Corr. 1B _ H314 Eye Dam 1 _ H318 Muta. 2 _ H341 STOT RE 2 _ H373

Section 3: Hazards Identification

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards:

Germ cell mutagenicity - Category 2 - Warning (CLP : Muta. 2) H341
Specific Target Organ Toxicity - Repeated exposure - Category 2 - Warning (CLP :STOT RE 2) H373
Skin corrosion - Category 1B - Danger (CLP : Skin Corr. 1B) H314
Acute toxicity, Inhalation - Category 3 - Danger (CLP : Acute Tox. 3) H331
Acute toxicity, dermal - Category 3 - Danger (CLP : Acute Tox. 3) H311
Acute toxicity, Oral - Category 3 - Danger (CLP : Acute Tox. 3) H301

Label elements

Labelling EC 67/548 or EC 1999/45

R Phrase(s): R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.

R34 : Causes burns.

R48/20/21/22 : Harmful : danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

R68 : Possible risks of irreversible effects.

S Phrase(s):

S4 : Keep away from living quarters.

S24 : Avoid contact with skin.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 : After contact with skin, wash immediately with

S35 : This material and its container must be disposed of in a safe way.

S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

S38 : In case of insufficient ventilation, wear suitable respiratory equipment.

S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

S53 : Avoid exposure - obtain special instructions before use.

S59 : Refer to manufacturer/supplier for information on recovery/recycling.

Section 3: Hazards Identification (Continued)

Contains: Phenol - Water - CRESOL MIXED ISOMERS - Potassium hydroxide.

Labelling Regulation EC 1272/2008 (CLP)

Hazard statements:

H314: Causes severe skin burns and eye damage.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H331: Toxic if inhaled.

H341: Suspected of causing genetic defects.

H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

General: P201: Obtain special instructions before use.

Prevention:

Prevention: P280: Wear protective gloves, protective clothing, eye protection, face protection.

P271: Use only outdoors or in a well-ventilated area.

P260: Do not breathe dust, fume, gas, mist, vapours, spray.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P308+P313: If exposed or concerned: get medical advice.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P314: Get medical advice if you feel unwell.

P361: Remove immediately all contaminated clothing.

Storage:

P403+P233: Store in well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Section 3: Hazards Identification (Continued)

Disposal considerations:

P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Contains: Phenol - Water - CRESOL MIXED ISOMERS - Potassium hydroxide.

Other hazards

Other hazards: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Section 4: First Aid Measures

Description of first aid measures

Inhalation:

Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor.

Skin contact:

Wash contaminated clothing before reuse. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor.

Eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. Immediately call a POISON CENTER or doctor

Ingestion:

Immediately call a POISON CENTER or doctor. Specific treatment (see on this label). Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms relating to use:

Repeated exposure to this material can result in absorption through skin causing significant health hazard.

Suspected of causing genetic defects.

Causes damage to organ.

Causes severe skin burns and eye damage.

Section 4: First Aid Measures (Continued)

Danger of serious damage to health by prolonged exposure through inhalation.
Causes serious eye irritation.
Swallowing a small quantity of this material will result in serious health hazard.

Indication of any immediate medical attention and special treatment needed

General information:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Section 5: Fire and Explosion Data

Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture

Hazardous combustion products: Under fire conditions, hazardous fumes will be present. Thermal decomposition generates: Corrosive vapours.

Advice for fire-fighters

Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For emergency responders: Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel: Evacuate unnecessary personnel.

Environmental precautions

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Avoid release to the environment.

Section 6: Accidental Release Measures (Continued)

Methods and material for containment and cleaning up

Clean up methods: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials. Collect spillage.

Section 7: Handling and Storage

Precautions for safe handling

Handling:

Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust, fume, gas, mist, vapours, and spray. Use personal protective equipment as required. Wash contaminated clothing before reuse. Obtain special instructions before use. Wash thoroughly after handling.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapor.

Special precautions: Avoid breathing dust, fume, gas, mist, vapours, and spray.

Section 8: Exposure Controls/Personal Protection

Exposure controls

Personal protection: Avoid all unnecessary exposure.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Wear protective gloves.

Skin protection: Wear suitable protective clothing.

Eye protection: Chemical goggles or face shield.

Others: When using, do not eat, drink or smoke

Control parameters

Occupational Exposure Limits: No data available.

Occupational Exposure Limits:

Potassium hydroxide: OEL (UK)-STEL [ppm] : 2

Potassium hydroxide: HTP-värden - 8 H - [mg/m³] : 2

Potassium hydroxide: NGV - [mg/m³] : 1

Potassium hydroxide: VLA-EC [mg/m³] : 2

Section 9: Physical and Chemical Properties

Physical state at 20 °C	: Liquid.
Colour	: Colorless
Odour	: Characteristic.
Odour threshold	: No data available.
pH value	: No data available.
Melting point [°C]	: No data available.
Decomposition point [°C]	: Not Applicable.
Critical temperature [°C]	: No data available.
Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: Not Applicable.
Flash point [°C]	: No data available.
Boiling point [°C]	: Not Applicable.
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: Not Applicable.
Vapour pressure [20°C]	: No data available.
Vapour pressure mm/Hg	: Not Applicable.
Vapour density	: Not Applicable.
Density [g/cm ³]	: Not Applicable.
Relative density, gas (air=1)	: Not Applicable.
Relative density, liquid (water=1)	: Not Applicable.
Solubility in water [% weight]	: Not Applicable.
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: Not Applicable.
Viscosity at 40°C [mm ² /s]	: No data available.

Section 10: Stability and Reactivity Data

Reactivity

Reactivity: Not established.

Chemical stability

Chemical stability: Stable under recommended storage conditions.

Section 10: Stability and Reactivity Data (Continued)

Possibility of hazardous reactions

Hazardous reactions: Not established.

Conditions to avoid

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

Incompatible materials

Materials to avoid: Strong acids. Strong bases.

Hazardous decomposition products

Hazardous decomposition products: Fumes. Carbon monoxide. Carbon dioxide. Thermal decomposition generates: Corrosive vapours.

Section 11: Toxicological Information

Information on toxicological effects

Toxicity information: The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

Acute toxicity

Inhalation: Toxic if inhaled.

Dermal: Toxic in contact with skin.

Ingestion: Toxic if swallowed.

Corrosion: Causes severe skin burns and eye damage.

Irritation: Causes serious eye irritation.

Sensitization: Based on available data, the classification criteria are not met.

Mutagenicity: Suspected of causing genetic defects.

Carcinogenicity: Based on available data, the classification criteria are not met.

Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Toxicity

Toxicity information: The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations. Harmful to aquatic life with long lasting effects.

Persistence - degradability

Persistence - degradability: May cause long-term adverse effects in the environment.

Bioaccumulative potential

Bioaccumulative potential: Not established.

Mobility in soil

Mobility in soil: Not established.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Other adverse effects

Environmental precautions: Avoid release to the environment.

Section 13: Disposal Considerations

Waste treatment methods

General: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special precautions: Hazardous waste due to toxicity.

Section 14: Transport Information

Land transport (ADR-RID)

General information: Not regulated.

Sea transport (IMDG) [English only]

General information: Not regulated.

Air transport (ICAO-IATA) [English only]

General information: Not regulated.

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Safety, health and environmental regulations/legislation specific for the substance or mixture:
Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII: The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV: The components of this product are not subject to authorization.

Chemical Safety Assessment

Chemical Safety Assessment: It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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