

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

EHRlich'S A REAGENT MSDS CAS: -

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: EHRlich'S A REAGENT

CAS#: -

Synonym: Not Available.

Chemical Name: Ehrlich's A Reagent

Chemical Formula: Not Available.

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
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Section 2: Composition and Information on Ingredients

Composition:

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Sulfamic acid	> 1 < 5 %	5329-14-6	226-218-8	016-026-00-0	----	Xi; R36/38 R52-53 ----- Eye irrit 2 _ H319 Skin Irrit. 2 _ H315 Aquatic Chronic 3 _ H412

Section 2: Composition and Information on Ingredients (Continued)

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Hydrochloric acid	> 15 < 25 %	7647-01-0	231-595-7	017-002-01-X	----	C; R34 , Xi; R37 ----- Skin Corr. 1B _ H314 STOT SE 3 _ H335
Water	> 75 < 99 %	7732-18-5	231-791-2	-----	-----	Not classified (DSD/DPD) ----- Not classified (GHS)

Section 3: Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification: Xi; R36/37/38

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

Health hazards: Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning (CLP : STOT SE 3) H335

Skin corrosion - Category 1B - Danger (CLP : Skin Corr. 1B) H314

Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s): Xi: Irritant.

R Phrase(s):

R36/37/38: Irritating to eyes, respiratory system and skin.

S Phrase(s):

S24: Avoid contact with skin.

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

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

S36/37: Wear suitable protective clothing and gloves.

S51: Use only in well-ventilated areas.

Section 3: Hazards Identification (Continued)

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

Contains: Water - Hydrochloric acid - Sulfamic acid

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms

Signal words: Danger

Hazard statements:

H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

Precautionary statements

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, and spray.

P264: Wash thoroughly after handling.

Response:

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

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.

Storage:

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

P405: Store locked up.

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.

Contains: Water - Hydrochloric acid - Sulfamic acid

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.

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Section 4: First Aid Measures

Description of first aid measures

Inhalation: Immediately call a POISON CENTER or doctor. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin contact:

Immediately call a POISON CENTER or doctor. Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing.

Eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Ingestion:

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

Most important symptoms and effects, both acute and delayed

Symptoms relating to use: Causes severe skin burns and eye damage. May cause respiratory irritation.

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.

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Section 5: Fire and Explosion Data (Continued)

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:

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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.

Reference to other sections

See section 8. Exposure controls/personal protection.

Section 7: Handling and Storage

Precautions for safe handling

Handling: Use only outdoors or in a well-ventilated area. Wash contaminated clothing before reuse. Wash thoroughly after handling. Do not breathe dust, fume, gas, mist, vapours, and spray.

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

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

Section 7: Handling and Storage (Continued)

Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.

Storage regulation: Comply with applicable regulations.

Storage - away from: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Section 8: Exposure Controls/Personal Protection

Exposure controls

Personal protection

Personal protection: Avoid all unnecessary exposure.

Respiratory protection: Wear approved mask.

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.

Section 9: Physical and Chemical Properties

Physical state at 20 °C	: Liquid.
Colour	: Colorless
Odour	: Characteristic.
Odour threshold	: No data available.
Molecular Weight	: Not 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.

Section 9: Physical and Chemical Properties (Continued)

Flammability (solid, gas)	: Not Applicable.
Flash point [°C]	: No data available.
Boiling point [°C]	: 176 °C
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/cm³]	: Not Applicable.
Relative density, gas (air=1)	: Not Applicable.
Relative density, liquid (water=1)	: Not Applicable.
Solubility in water [% weight]	: Miscible in water
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: Not Applicable.
Viscosity at 40°C [mm²/s]	: No data available.

Section 10: Stability and Reactivity Data

Reactivity: Not established.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Not established.

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

Incompatible materials: Strong acids. Strong bases.

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

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

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

Corrosion: Causes severe skin burns and eye damage.

Irritation: May cause respiratory irritation.

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

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

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

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

Section 12: Ecological Information

Toxicity information:

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

Persistence - degradability: Biodegradable.

Bioaccumulative potential: Not established.

Mobility in soil: Not established.

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.

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.

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name: HYDROCHLORIC ACID

UN N°: 1789

H.I. nr: 80

ADR - Class: 8

Labelling - Transport: 8: Corrosive substance.

ADR - Group: II

Sea transport (IMDG) [English only]

Proper shipping name: HYDROCHLORIC ACID

UN N°: 1789

IMO-IMDG - Class or division: 8: Corrosive substance.

IMO-IMDG - Packing group: II

Air transport (ICAO-IATA) [English only]

Proper shipping name: HYDROCHLORIC ACID

UN N°: 1789

IATA - Class or division: 8: Corrosive substance.

IATA - Packing group: II

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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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