

MATERIAL SAFETY DATA SHEET

THYMOLPHTHALEIN INDICATOR SOLUTION MSDS CAS :

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name : THYMOLPHTHALEIN INDICATOR SOLUTION

CAS#:

C.I. No.: Not available.

Synonym : Not available.

Chemical Name: Not available.

Chemical Formula: C₂₈H₃₀O₄

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:

Name	CAS #	% by Weight
THYMOLPHTHALEIN INDICATOR SOLUTION	-	< 0.1 %
Ethanol	64-17-5	> 50 < 75 %
Water	7732-18-5	> 50 < 75 %

Section 3: Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1999/45

Classification : C; R35

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

Health hazards : Skin corrosion - Category 1A - Danger (CLP : Skin Corr. 1A) H314

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. Immediately call a POISON CENTER or doctor.

Skin contact

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

Ingestion :

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

Most important symptoms and effects, both acute and delayed

Symptoms relating to use : Causes severe skin burns and eye damage.

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

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.

Methods and materials for containment and cleaning up

Clean up methods

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

Section 7: Handling and Storage

Precautions for safe handling Handling

: Do not breathe dust, fume, gas, mist, vapours, spray. Avoid contact during pregnancy or while nursing. Wash thoroughly after handling.

Technical protective measures

: Provide good ventilation in process area to prevent formation of Vapor.

Conditions for safe storage, including any incompatibilities

Storage

: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

Storage regulation

: Comply with applicable regulations.

Storage - away from

: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Specific end uses

Specific end use(s)

: None.

Section 8: Exposure Controls/Personal Protection

Personal protection

- Respiratory protection
- Hand protection
- Skin protection
- Eye protection
- Others

: Avoid all unnecessary exposure.
: Wear approved mask.
: Wear protective gloves.
: Wear suitable protective clothing.
: Chemical goggles or safety glasses.
: When using, do not eat, drink or smoke.

Control parameters

Occupational Exposure Limits

: No data available.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state at 20 °C

: Liquid

Colour

: Colorless

Odour

: Characteristic.

Odour threshold

: No data available.

Section 9: Physical and Chemical Properties (Continued)

pH value	: No data available.
Melting point [°C]	: No data available.
Decomposition point [°C]	: N/A
Critical temperature [°C]	: No data available.
Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: Flammable.
Flash point [°C]	: No data available.
Boiling point [°C]	: N/A
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: N/A
Vapour pressure [20°C]	: No data available.
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm ³]	: 0,79
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: Complete
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: N/A
Viscosity at 40°C [mm ² /s]	: No data available.
Molecular Weight	: 430.55

Other information

Explosive properties	: N/A
Explosion limits - upper [%]	: No data available.
Explosion limits - lower [%]	: No data available.
Oxidising properties	: No data available.

Section 10: Stability and Reactivity Data

Reactivity

Reactivity : Not established.

Section 10: Stability and Reactivity Data (Continued)

Chemical stability

Chemical stability : Stable under recommended storage conditions.

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

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

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

Persistence – degradability

Persistence - degradability : Biodegradable.

Bio accumulative potential

Bio accumulative 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.

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name: FLAMMABLE LIQUID, N.O.S.

UN N°: 1993

H.I. nr: 30

ADR - Class: 3 : Flammable liquid.

ADR - Group: III

Section 14: Transport Information (Continued)

Sea transport (IMDG) [English only]

Proper shipping name: FLAMMABLE LIQUID, N.O.S.

UN N°: 1993

IMO-IMDG - Class or division: 3: Flammable liquid.

IMO-IMDG - Packing group: III

Air transport (ICAO-IATA) [English only]

Proper shipping name: FLAMMABLE LIQUID, N.O.S

UN N°: 1993

IATA - Class or division: 3: Flammable liquid.

IATA - Packing group: III

Section 15: Other Regulatory Information

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

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

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:

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