

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
Navghar, Vasai (East), Palghar - 410210.
Maharashtra, INDIA.

Tel: +91 250 2390032 / 2390989 / 2390990

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Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

INDIUM AAS STANDARD SOLUTION

(1000mg/L in Nitric Acid)

MSDS CAS:

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: INDIUM AAS STANDARD SOLUTION 1000mg/L in Nitric Acid

CAS#:

Chemical Name: INDIUM AAS STANDARD SOLUTION 1000mg/L in Nitric Acid

Chemical Formula:

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

Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Nitric acid	7697-37-2	>=1-<3%

Toxicological Data on Ingredients: Not available.

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Section 3: Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

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.

Section 4: First Aid Measures

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact: Wash off with soap and plenty of water. Consult a physician.

Serious Skin Contact: Not available.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Serious Inhalation: Not available.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture:

Nitrogen oxides (NO_x)

Advice for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

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Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Environmental precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material and dispose of as hazardous waste.

Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): Non Combustible Liquids

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protection:

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

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Section 9: Physical and Chemical Properties

Physical state and appearance	: Liquid.
Odor	: Not available.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: Colorless.
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: Not available.
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Not available.

Section 10: Stability and Reactivity Data

Stability	: The product is stable.
Instability Temperature	: Not available.
Conditions of Instability	: Not available.
Incompatible materials	: Gives off hydrogen by reaction with metals.
Corrosivity	: Not available.
Special Remarks on Reactivity	: Not available.
Special Remarks on Corrosivity	: Not available.
Polymerization	: Will not occur.

Hazardous decomposition products:

Hazardous decomposition products formed under fire conditions.-Nitrogen oxides (NO_x)

Other decomposition products-No data available

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Section 11: Toxicological Information

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: IARC: 2A-Group 2A: Probably carcinogenic to humans (Indium(III) nitrate hydrate)

Reproductive toxicity: No data available

Specific target organ toxicity -single exposure: No data available

Specific target organ toxicity -repeated exposure: No data available

Aspiration hazard: No data available

Section 12: Ecological Information

Ecotoxicity:

Not available.

BOD5 and COD:

Not available.

Results of PBT and vPvB 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.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

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Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(Nitric acid)

UN N° : 3264

ADR - Class : 8

Sea transport (IMDG) [English only]

Proper shipping name : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(Nitric acid)

UN N° : 3264

IMO-IMDG - Class or division : 8

IMO-IMDG - Packing group : III

Air transport (ICAO-IATA) [English only]

Proper shipping name : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(Nitric acid)

UN N° : 3264

IATA - Class or division : 8

IATA - Packing group : III

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment

For this product a chemical safety assessment was not carried out.

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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