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
Email: sales@oxfordlabchem.com /
info@oxfordlabchem.com
Web: www.oxfordlabchem.com

Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

CELLOIDINE 8%
MSDS CAS: 9004-35-7

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: CELLOIDINE
CAS#: 9004-35-7
Synonym:
Chemical Name:
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	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
COLLODION 4%	> 10 < 15 %	9004-70-0	-----	-----	-----	F+; R12 R19 Xn; R22 R66 R67 ---------- Acute Tox. 4 (oral) _H302 STOT RE _ EUH066 Expl. _ EUH019

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Section 2: Composition and Information on Ingredients (Continued)

DIETHYLETHER (stablised) 98%	**> 25 < 50 %**	**60-29-7**	**-----**	**-----**	**-----**	**F+; R12 R19 Xn; R22 R66 R67 ---------- Flam. Liq. 1 _ H224 Acute Tox. 4 (oral) _ H302 STOT SE 3 _ H336 STOT RE _ EUH066 Expl. _ EUH019**
Ethanol	**> 50 < 75 %**	**64-17-5**	**200-578-6**	**603-002-00-5**	**-----**	**R10 C; R35 ---------- Skin Corr. 1A _ H314 Flam. Liq. 3 _ H226**

Section 3: Hazards Identification

Classification of the substance or mixture
Classification EC 67/548 or EC 1999/45 :
Classification : Xn; R22, R67, C; R35

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)
Health hazards :
Specific Target Organ Toxicity - Single exposure - Narcotic effects - Category 3 - Warning (CLP : STOT SE 3) H336
Skin corrosion - Category 1A - Danger (CLP : Skin Corr. 1A) H314
Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302

Label elements
Labelling EC 67/548 or EC 1999/45
Symbol(s) : C : Corrosive.

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Section 3: Hazards Identification (Continued)

R Phrase(s) :

R22 : Harmful if swallowed.
R35 : Causes severe burns.
R67 : Vapours may cause drowsiness and dizziness.

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.
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.
S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).
S51 : Use only in well-ventilated areas.
S59 : Refer to manufacturer/supplier for information on recovery/recycling.

Contains : **Ethanol - DIETHYLETHER (stablised) 98% - COLLODION 4%**

Labelling Regulation EC 1272/2008 (CLP)

Signal words : Danger

Hazard statements : H314 : Causes severe skin burns and eye damage.
H302 : Harmful if swallowed.
H336 : May cause drowsiness or dizziness.

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, spray.
P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.

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.

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Section 3: Hazards Identification (Continued)

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 : **Ethanol - DIETHYLETHER (stablised) 98% - COLLODION 4%**

Other hazards

Other hazards : **The substance does not fulfil the criteria to be identified as PB**

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. Call a POISON CENTER or doctor if you feel unwell.

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 :

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

Ingestion :

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Call a POISON CENTER or doctor if you feel unwell.

Most important symptoms and effects, both acute and delayed:

Symptoms relating to use :

Causes severe skin burns and eye damage.
Swallowing a small quantity of this material will result in serious health hazard.
May cause drowsiness or dizziness.

Section 4: First Aid Measures (Continued)

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.
Avoid breathing dust, fume, gas, mist, vapours, spray.

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.

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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. Collect spillage. Store away from other materials.

Section 7: Handling and Storage

Precautions for safe handling

Handling : Do not eat, drink or smoke when using this product. Do not breathe dust, fume, gas, mist, vapours, spray. Use only outdoors or in a well-ventilated area. Avoid contact during pregnancy or while nursing. Wash thoroughly after handling.

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

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

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.

Specific end use(s) : None.

Section 8: Exposure Controls/Personal Protection

Exposure controls

Personal protection : Avoid all unnecessary exposure.

Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

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.

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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.**
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/cm3]	**: 0,8**
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 [mm2/s]	**: No data available.**

Other information:

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

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Section 10: Stability and Reactivity Data

Reactivity
Reactivity : Not established.

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 : Harmful if swallowed.

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.

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Section 11: Toxicological Information (Continued)

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 : May cause drowsiness or dizziness.

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.

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 effect

Environmental precautions : Avoid release to the environment

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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
Labelling - Transport : 3 : Flammable liquid.
ADR - Group : III

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 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.

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Section 15: Other Regulatory Information (Continued)

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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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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