

NICE **SAFETY DATA SHEET**

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Catalogue No : H 30371

Product Name : Haematoxylin stain solution (Ehrlich's)

Manufacture / Supplier Identification Company : Nice Chemicals (P) Ltd., PB No: 2217,
Manimala Road, Edappally, Kochi - 682 024,
Kerala, India.

Contact for Information : **Tel:** 91-484-2800212, 2802755, 2802536,
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2 COMPOSITION / INFORMATION ON INGREDIENTS

Molecular Formula :

Synonyms :

CAS - No :

Molar Mass :

Molecular weight :

EC - INDEX No :

EC - No :

3 HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification EC 67/548 or EC 1999/45

Classification : : F; R11
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

Physical hazards : Flammable liquids - Category 2 - Danger (CLP
: Flam. Liq. 2) H225

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Label Element

Symbols : 

Symbol(s) : C : Corrosive
F : Highly flammable

R Phrase(s) : R11 : Highly flammable.
R35 : Causes severe burns.


S Phrase(s) : S3 : Keep in a cool place.
S9 : Keep container in a well-ventilated place.
S16 : Keep away from sources of ignition - No smoking.
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
S33 : Take precautionary measures against static discharges.
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.
S43 : In case of fire, use .
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 - 1,2,3-Propanetriol(glycerin) - Acetic acid - ALUMINIUM AMMONIUM

SULPHATE (DODECAHYDRATE) EXTRA - HEMATOXYLIN STAIN `Certified` C.I.

No.75290

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms : 

Signal words : Danger

Hazard statements : H225 : Highly flammable liquid and vapour.
H314 : Causes severe skin burns and eye damage.

Precautionary statements

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Prevention	:	<p>P240: Ground/bond container and receiving equipment.</p> <p>P241: Use explosion-proof electrical, ventilating, lighting, ..., equipment.</p> <p>P210: Keep away from heat, sparks, open flames or hot surfaces. – No smoking.</p> <p>P280: Wear protective gloves, protective clothing, eye protection, face protection.</p> <p>P260: Do not breathe dust, fume, gas, mist, vapours, spray.</p> <p>P233: Keep container tightly closed.</p> <p>P264: Wash thoroughly after handling.</p>
Response	:	<p>P301+P330+P331: IF SWALLOWED : Rinse mouth. Do NOT induce vomiting.</p> <p>P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P304+P340: IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P303+P361+P353: IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P363: Wash contaminated clothing before reuse</p> <p>P370+P378: In case of fire: Use for extinction.</p>
Storage	:	<p>P403+P235: Store in well-ventilated place. Keep cool.</p> <p>P405: Store locked up.</p>
Disposal considerations	:	<p>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.</p>
Contains	:	<p>Ethanol - 1,2,3-Propanetriol(glycerin) - Acetic acid - ALUMINIUM AMMONIUM SULPHATE (DODECAHYDRATE) EXTRA - HEMATOXYLIN STAIN `Certified` C.I. No.75290</p>

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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.

4 FIRST AID MEASURES

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled : Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.

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

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

If swallowed : No data available

Most Important symptoms and effects, both acute and delayed : Causes severe skin burns and eye damage. Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5 FIRE - FIGHTING MEASURES

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

Flammable class : Highly flammable liquid and vapour

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

Advice for firefighters

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.

Further Information : No data available.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Equip cleanup crew with proper protection. Ventilate area.

Environmental-protection : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

Reference to other sections : For disposal see section 13.

7 HANDLING AND STORAGE

Precautions for safe handling

Handling : Handle empty containers with care because residual vapours are flammable. Wash thoroughly after handling. Do not breathe dust, fume, gas, mist, vapours, spray. Avoid contact during pregnancy or while nursing.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical, ventilating, lighting, ..., equipment.

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Conditions for safe storage, including any incompatibilities	:	Keep only in the original container in a cool, well ventilated place. Keep in fireproof place. Keep container tightly closed. Ground/bond container and receiving equipment.
Specific end users	:	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameter

Components with workplace control parameters

Exposure Controls

Appropriate engineering controls : No data available

Personal protective equipment

Eye/face protection : Chemical goggles or face shield.

Skin Protection : Wear suitable protective clothing.

Body Protection : Wear protective gloves.

Respiratory protection : Wear approved mask.

Control of environmental exposure : No data available

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance **Form** : Liquid
Colour : Colourless

Odour : No data available

Odour Threshold : No data available

pH : No data available

Melting Point/Freezing point : No data available

Initial Boiling point and boiling range : No data available

Flash Point : No data available

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Evaporation rate	:	No data available
Flammability (solid, gas)	:	Highly flammable liquid and vapour
Upper/lower flammability or explosive limits	:	No data available
Vapour Pressure	:	No data available
Vapour Density	:	No data available
Relative density	:	No data available
Water solubility	:	No data available
Partition coefficient: noctanol/water	:	No data available
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Other Safety information	:	No data available
 10 STABILITY AND REACTIVITY		
Reactivity	:	No data available
Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	No data available
Conditions to be avoid	:	Direct sunlight. Extremely high or low temperatures. Open flame.
Incompatible materials	:	Strong acids. Strong bases.
hazardous decomposition products	:	Fumes. Carbon monoxide. Carbon dioxide. May release flammable gases. Thermal decomposition generates : Corrosive vapours.

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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.
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Further toxicological Information

Skin corrosion/irritation	:	No data available
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Serious eye damage/eye irritation	:	No data available
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Respiratory or skin sensitisation	:	No data available
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Germ cell mutagenicity	:	No data available
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Carcinogenicity	:	No data available
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Reproductive toxicity	:	No data available
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Corrosion	:	Causes severe skin burns and eye damage.
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Irritation	:	Causes serious eye irritation.
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Specific target organ toxicity - single exposure	:	No data available
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Specific target organ toxicity - repeated exposure	:	No data available
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Aspiration hazard	:	No data available
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Additional Information	:	No data available
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12 ECOLOGICAL INFORMATION

Toxicity	:	The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.
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Persistence and degradability	:	Biodegradable.
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Bioaccumulative potential	:	No data available
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Mobility in soil	:	No data available
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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.
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Other adverse effects	:	No data available
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13 DISPOSAL METHOD

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 : Handle empty containers with care because residual vapours are flammable.

14 TRANSPORT INFORMATION

UN number : ADR/RID: -1170 IMDG: -1170 IATA: -1170

UN Proper shipping name : ADR/RID: ETHANOL (ETHYL ALCOHOL) / ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
IMDG:- ETHANOL (ETHYL ALCOHOL) / ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
IATA: Ethanol (ethyl alcohol) / ethanol solution (ethyl alcohol solution)

Transport hazard class(es) : ADR/RID:- II IMDG:- II IATA:- II

Packaging group : ADR/RID: - IMDG: -
IATA:-.....

Environmental group : ADR/RID: no IMDG Marine pollutant: no
IATA: no

Special precautions for user : No data available

15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

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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	:	It has not been carried out.

16 OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge.