



# SAFETY DATA SHEET

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

Catalogue No : N 10756

Product Name : Nitric acid (1:3)

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, 2801583  
**Fax :** 0484 2802483

Emergency Telephone No : 0484 2801583

TeleFax No : 0484 2802483

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## 2 COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms : .....

CAS - No : .....

Molar Mass : .....

Molecular Weight : .....

Molecular Formula : .....

EC - INDEX No : .....

EC - No : .....

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## 3 HAZARDS IDENTIFICATION

**Classification of the substance or mixture** : Not Classified

**Label Elements** : No data available

Supplemental Hazard : none

Other Hazards : none

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## 4 FIRST AID MEASURES

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

After Inhalation : Remove to fresh air. Give artificial respiration if necessary. Call physician



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After skin contact : Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

After eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

After swallowing : No data available

Most Important symptoms and effects, both acute and delayed : No data available

Indication of any immediate medical attention and special treatment needed : no data available

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## 5 FIRE - FIGHTING MEASURES

Suitable extinguishing media : Water spray to cool containers.

Special hazards arising from the substance or mixture : No data available

Advice for firefighters : No data available

Protective equipment for fire fighting : No data available

Further Information : No data available

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## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Only personal properly qualified to respond to an emergency involving hazardous substances may respond to a spill according to federal regulations (OSHA 29 CFR 1910.120(a)(v)) and per your company's emergency response plan and guidelines/procedures.

Environmental-protection : No data available

Methods and materials for containment and cleaning up : No data available

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Precautions for safe handling : Avoid contact with eyes skin clothing Do not breath mist or vapors. Wash thoroughly after handling. Maintain general industrial hygiene practices when using this product.

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**7 HANDLING AND STORAGE**

Conditions for safe storage, including any incompatibilities : Store in cool, dry place. Keep away from: combustible materials materials heat metals organic material.

Specific end users : No data available

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**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Control parameter : No data available

**Exposure Controls**

Appropriate engineering controls : Have an eyewash station nearby. Have a safety shower nearby. Use a fume hood to avoid exposure to dust, mist or vapor. Maintain general industrial hygiene practices when using this product.

**Personal protective equipment**

Eye/face protection : Safety glasses with top and side shields

Skin Protection : Neoprene latex gloves lab coat

Body Protection : No data available

Respiratory Protection : No data available

Control of environmental exposure : No data available

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**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance **Form** : Clear Liquid  
**Colour** : Colourless

Odour : Suffocating

Odour Threshold : No data available

pH : < 0.5

Melting Point/Freezing point : No data available

Initial Boiling point and boiling range : 112°C (234°C)

Flash Point : No data available

Evaporation rate : No data available

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Flammability (solid, gas)	: No data available
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	: Miscible
Partition coefficient: noctanol/water	: No data available
Autoignition temperature	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Other Safety information	: No data available

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**10 STABILITY AND REACTIVITY**

Reactivity	: May explode in contact with : combustile materials : may react violently in contact with : acids alkalies carbides hydrogen sulfied metals turpentine.
Chemical stability	: Stable under normal recommended storage conditions.
Conditions to be avoided	: Avoid heat
Substance to be avoided	: No data available
Hazardous decomposition products	: Other decomposition products - no data available
Possibility of hazardous reactions	: No data available
incompatible materials	: No data available

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**11 TOXICOLOGICAL INFORMATION**

Acute Toxicity : No data available

**Further toxicological Information**

Carcinogenicity : IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable. Possible or confirmed human carcinogen by IARC.

Eye Irritation test ( rabbit) : No data available

Respiratory or skin Sensitization : No data available

Germ cell mutagenicity : No data available

After Inhalation : No data available

After Skin contact : No data available

After swallowing : No data available

After swallowing of large amounts : No data available

Further data : No data available

Reproductive Effects : Oral rat TDLo = 2345 mg/kg: biochemical and metabolic effect on newborn

Specific target organ toxicity-single exposure : No data available

Specific target organ toxicity-repeated exposure : No data available

Signs and symptoms of Exposure : No data available

Additional Information : RTECS: No data available

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**12 ECOLOGICAL INFORMATION**

Toxicity : No data available

Persistence and degradability : No data available

Bioaccumulative potential : No data available

Results of PBT and vPvB assessment : No data available

Other adverse effects : No data available



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## 13 DISPOSAL METHOD

### Waste treatment methods

Product : No data available  
Contaminated packaging : Dispose of as unused product.

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## 14 TRANSPORT INFORMATION

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

UN Proper shipping name : ADR/RID:  
IMDG:  
IATA:

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

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

Environmental group : ADR/RID: - no IMDGMarine  
pollutant: no IATA: -no

Special precaution for user : No data available

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## 15 REGULATORY INFORMATION

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

Safety, health and environmental regulations/legislation specific for the substance or mixture : No data available

Chemical safety assessment : No chemical safety assessment has been carried out

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## 16 OTHER INFORMATION

The information contained here in is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precaution. It does not represent a guarantee of the properties of the product.