



SAFETY DATA SHEET

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

Catalogue No : G 20129

Product Name : Glutaraldehyde

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
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2 COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms :

CAS - No : 111 - 30 - 8

Molar Mass :

Molecular Weight : 100.11 g/mol

Molecular Formula : OHCC31 16CHO

EC - INDEX No :

EC - No :

3 HAZARDS IDENTIFICATION

Classification of the substance or mixture : No data available

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

After skin contact : Immediately remove contaminated clothing and shoes. 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 : DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

5 FIRE - FIGHTING MEASURES

Suitable extinguishing media : Not-flammable: After water evaporates, remaining material will burn. Use alcohol-type or all purpose-type foam, applied by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

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 : Wear suitable protective equipment.

Environmental-protection : Toxic to fish; avoid discharge to natural waters.

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

7 HANDLING AND STORAGE

Precautions for safe handling : Do not get in eyes, on skin, on clothing. Avoid breathing vapor. Wear goggles, protective clothing and glove.

Conditions for safe storage, including any incompatibilities : No data available

Specific end users : No data available

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameter : Ingredient Comments
No exposure limits noted for ingredient(s)

Exposure Controls

Appropriate engineering controls : No data available

Personal protective equipment

Eye/face protection : Splash proof monogoggles or safety glasses with side shields in conjunction with a face shield.

Skin Protection : No data available

Body Protection : No data available

Respiratory Protection : Use self - contained breathing apparatus in high vapor concentrations. If self-contained breathing apparatus is not available, a NIOSH approved air purifying respirator equipped with an organic vapor cartridge should be used.

Control of environmental exposure : No data available

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance **Form** : Liquid
Colour : Colourless

Odour : Sharp, Fruity, Medicinal.

Odour Threshold : No data available

pH : No data available

Melting Point/Freezing point : No data available

Initial Boiling point and boiling range : ~ 100.5 °C ~ 213 °F As Product

Flash Point : No data available

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper/lower flammability or explosive limits : No data available

Vapour Pressure : 0.03 kPa Active Ingredient, 0.20mm Hg Active Ingredient

Vapour Density : No data available

Relative density : No data available

Water solubility : soluble

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

10 STABILITY AND REACTIVITY

Reactivity : No data available

Chemical stability : Stable under normal recommended storage conditions.

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Conditions to be avoided	: Avoid high temperature and evaporation of water.
Substance to be avoided	: No data available
Hazardous decomposition products	: Will not occur
Possibility of hazardous reactions	: No data available
incompatible materials	: Strong alkalis and acids catalyze an aldol-type condensation (exothermic, but not expected to be violent)

11 TOXICOLOGICAL INFORMATION

Acute Toxicity : ORAL: rat LD50 female 154 (116-206) mg/kg
ORAL: rat LD50 male 246 (179-339) mg/kg

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 toxicity : No data available

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
Ecotoxicity to fish	: Blue gill LC50 96 h 22 mg/l
Persistence and degradability	: No data available
Bioaccumulative potential	: No data available
Mobility in soil	: No data available
Results of PBT and vPvB assessment	: No data available
Other adverse effects	: No data available

13 DISPOSAL METHOD**Waste treatment methods**

Product	: No data available
Contaminated packaging	: No data available

14 TRANSPORT INFORMATION

UN number	: ADR/RID: - IMDG: -	IATA: -
UN Proper shipping name	: ADR/RID: IMDG: IATA:	
Transport hazard class(es)	: ADR/RID: - IATA: -	IMDG: -
Packaging group	: ADR/RID: - IMDG: -	IATA: -
Environmental group	: ADR/RID: - no pollutant: no	IMDGMarine 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 data available

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.