



SAFETY DATA SHEET

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

Catalogue No : B 18329

Product Name : Butyraldehyde

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

Emergany Telephone No : 0484 2801583

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2 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

Synonyms : Ethyl Aldehyde

CAS - No : 123-72-8

Molar Mass :

Molecular Formula : C4-H8-O

Molecular Weight : 72.11 g/mole

EC - INDEX No :

EC - No :

No components need to be disclosed according to the applicable regulations.

3 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC)No. 1272/2008
This Substance is not classified as dangerous according to directive 67 /548/EEC.

Label Elements

This product does not need to be labelled in accordance with EC directive or respective national laws

Other Hazards : none

4 FIRST AID MEASURES

After Inhalation : If breathed in, move person in to fresh air. If not breathing, give artificial respiration.

After skin contact : Wash off with soap and plenty of water.



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After eye contact	:	Rinse ythoroughly with plenty of water for at least 15 minutes and consult a physician
After swallowing	:	Never give anything by mouth to an unconscious person. Rinse mouth with water
Most Important symptoms and effect, both acute and delayed	:	The most important symptoms and effects are described in the leabelling
Indication of any immediate medical attention and special treatment needed	:	No data available

5 FIRE - FIGHTING MEASURES

Suitable extinguishing media	:	Use water spray, alchohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	:	Nature of decomposition products not known.
Advice for firefighters	:	Wear self contained breathing apparatus for fire fighting if necessary.
Further Information	:	No data available.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8
Environmental-protection	:	Do not let product enter drains
Methods and materials for containment and cleaning up	:	Sweep UP and shovel. Keep in suitable, closed containers for deposal

7 HANDLING AND STORAGE

Precautions for safe handling	:	Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Conditions for safe storage, including any incompatibilities	:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Specific end users	:	A Part from the uses mentiones in section 1 no other specific uses are stipulated



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8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameter : Compnents with workplace control parameters

Exposure Controls

Appropriate engineering controls : General indusrtial hygiene practice

Personal protective equipment

Eye/face protection : Face Shield and safty glasses 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.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374 derived from it.

Body Protection : Complete Suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection : Respiratory Protection not required . where protection from nuisance levels of dust are desired, use type N95 (US) or type P1 (EN143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance **Form** : Liquid
Colour : Colourless

Odour : Alsehyde like(Strong)

Odour Threshold : No data available

pH value : Not Applicable



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Melting Point/Freezing point	: -96.4 (-141.5°F)
Initial Boiling point and boiling range	: 251°C (483°F)
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	: 12.3 kpa(@20°C)
Vapour Density	: 2.5 (Air=1)
Relative density	: No data available
Water solubility	: No data available
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	: The product is stable
Conditions to be avoided	: No data available
Substance to be avoided	: No data available
Hazardous decomposition products	: Other decomposition products - No data available
Possibility of hazardous reactions	: No data available
Polymerization	: Yes
incompatible materials	: Highly reactive with oxidizing agents, reducing agents, acids,alkalis.



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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

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.
Reproductive toxicity	: No data available
Specific target organ toxicity - Single exposure	: No data available
Specific target organ toxicity - repeated exposure	: No data available
Aspiration Hazards	: No data available
Additional Informations	: No data available

12 ECOLOGICAL INFORMATION

Toxicity	: The product Its self and its product of degradation are not toxic
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	: Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	: Dispose of as unused product.

