

NICE **SAFETY DATA SHEET**

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

Catalogue No	:	P 10419
Product Name	:	Polyethylene glycol - 1500 Nice Chemicals (P) Ltd., PB No: 2217, Manimala Road, Edappally, Kochi - 682 024, Kerala, India.
Manufacture / Supplier Identification Company	:	Tel: 91-484-2800212, 2802755, 2802536, 2801583 Fax : 0484 2802483
Contact for Information	:	2801583 Fax : 0484 2802483
Emergany Telephone No	:	0484 2801583
TeleFax No	:	0484 2802483

2 COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms	:
CAS - No	:	25322 - 68 - 3
Molar Mass	:
Molecular weight	:
Molecular Formula	:
EC - INDEX No	:
EC - No	:

3 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification of the substance or mixture	:	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008
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This substance is not classified as dangerous
according to Directive 67/548/EEC.

Label Elements

Labelling according Regulation (EC) No 1272/2008

Pictogram	:	No data available
Signal word	:	No data available
Hazard statement(s)	:	No data available
Precautionary statement(s)	:	No data available
Supplemental Hazard Statements	:	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	:	Wash off with soap and plenty of water. Consult a physician.
After eye contact	:	Flush eyes with water as a precaution
After swallowing	:	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	:	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed	:	No data available

5 FIRE - FIGHTING MEASURES

Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	:	Sulphur oxides, Arsenic oxides
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	:	Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Environmental precaution	:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up	:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

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Reference to other sections : For disposal see section 13.

7 HANDLING AND STORAGE

Precautions for safe handling	:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.
Conditions for safe storage, including any incompatibilities	:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Moisture sensitive.
Specific end users	:	A part 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	:	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.
Personal protective equipment		
Eye/face protection	:	Face shield and safety 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.

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	:	The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the 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	:	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure	:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	:	Form : solid Colour : No data available
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	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or explosive limits	:	No data available

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Vapour Pressure	:	No data available
Vapour Density	:	No data available
Relative density	:	1,870 g/cm ³
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	:	No data available
Incompatible materials	:	Strong oxidizing agents, Strong acids
hazardous decomposition products	:	Other decomposition products - no data available

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity	:	LD50 Oral - rat - 41 mg/kg LD50 Dermal - rat - 150 mg/kg
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Further toxicological Information		
Skin corrosion/irritation	:	No data available
Serious eye damage/eye irritation	:	No data available
Respiratory or skin sensitisation	:	No data available
Germ cell mutagenicity	:	No data available
Carcinogenicity	:	Human carcinogen. IARC: 1 - Group 1: Carcinogenic to humans (Sodium dioxoarsenate)
Reproductive toxicity	:	No data available
Specific target organ toxicity - single exposure	:	No data available
Specific target organ toxicity - repeated exposure	:	No data available
Aspiration hazard	:	No data available
Additional Information	:	RTECS: Not available Exposure to arsenic compounds can cause: Gastrointestinal disturbance, Cardiovascular effects., Neurological disorders

12 ECOLOGICAL INFORMATION

Toxicity		
Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 1,54 mg/l - 48 h other aquatic invertebrates		
Persistence and degradability	:	No data available
Bioaccumulative potential	:	No data available
Mobility in soil	:	No data available
Results of PBT and vPvB assessment	:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	:	Very toxic to aquatic life with long lasting effects.

13 DISPOSAL METHOD

Waste treatment methods

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Product	:	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging	:	Dispose of as unused product.

14 TRANSPORT INFORMATION

UN number	:	ADR/RID: 2027 IMDG: 2027 IATA: 2027
UN Proper shipping name	:	ADR/RID: SODIUM ARSENITE, SOLID IMDG: SODIUM ARSENITE, SOLID IATA: Sodium arsenite, solid
Transport hazard class(es)	:	ADR/RID: 6.1 IMDG: 6.1 IATA: 6.1
Packaging group	:	ADR/RID: II IMDG: II IATA: II
Environmental group	:	ADR/RID: yes IMDG Marine pollutant: yes 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	:	No data available
Chemical safety assessment	:	For this product a chemical safety assessment was not carried out.

16 OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Acute aquatic toxicity
Aquatic Chronic	:	Chronic aquatic toxicity
Carc.	:	Carcinogenicity

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H300	:	Fatal if swallowed.
H300 + H310	:	Fatal if swallowed or in contact with skin
H310	:	Fatal in contact with skin.
H331	:	Toxic if inhaled.
H350	:	May cause cancer

Full text of R-phrases referred to under sections 2 and 3

N	:	Dangerous for the environment
T	:	Toxic
R23/24/25	:	Toxic by inhalation, in contact with skin and if swallowed.
R45	:	May cause cancer
R50/53	:	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic.

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.