1. Identification of the substance/preparation and of the company/undertaking

Product name Stabilizer

Intended use of the substance/preparation
pH regulator

Manufacturer, importer, supplier
BNR COATINGS
Dighe Inthal Pada, Ganesh Galli,
R.No 315, Thane Ballapur Road,
Navi Mumbai – 400 708
Telephone
Emergency telephone +9122 28823688

2. Composition/information on ingredients

Chemical characterization
mixture of Aqueous solution

Hazardous components

EC-No.	Cas-No.	Chemical Name	Concentration	Classification
201-196-2	79-33-4	2-hydroxipropionic acid	40 X%	Xi; R38-41

3. Hazards identification

Human health hazards
Irritating to skin. Risk of serious damage to eyes.

4. First aid measures

After inhalation; fresh air.

After skin contact; wash off with plenty water. Remove contaminated clothing.

After eye contact; rinse out with plenty of water with the eyelid held wide open. Call in Ophthalmologist.

After swallowing; make victim drink plenty of water, induce vomiting, call in physician.

5. Fire-fighting measures

Suitable extinguishing media;
Water, foam, powder

Special risk;
Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

Special protective equipment for fire fighting;
Do not stay in dangerous zone without suitable chemical protection clothing.

6. Accidental release measures

Personal precautions
Keep in a well-ventilated place. Keep away from sources of ignition. Comply with safety directives. Do not inhale vapours
Environmental precautions
Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems.
Methods for cleaning up
Take up with the liquid-absorbent material. Forward for disposal. Clean up affected area.

7. Handling and storage

Handling :
No further requirements

Storage :
Tightly closed. Dry . Protected from light. At + 15C to + 25C

8. Exposure controls / personal protection

Additional technical information on the plant
Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Respiratory protection
Required when vapours/aerosols are generated

Hand protection

Glove material	Glove thickness	Break through time
nitrile rubber	0.11mm	>480 Min.

The protective glove should be checked in each case for their work specific suitability (e.g. mechanical stability, product compatibility, and anti-static properties). When the intended use is for spray application a nitrile glove of the chemical resistance group 3 (e.g. Dermatril R glove) is to be used. After contamination, the glove has to be changed. If immersing the hands into the product is not avoidable (e.g. maintenance work) a butyl or fluorocarbon rubber glove should be used. When skin exposure may occur to materials specified in chapter 2 of this SDS, advice should be sought from the glove supplier as to appropriate type to use with this product and the permeation breakthrough times. Cleaning solvents or viscosity adjustment thinners require special hand protection, a fluorocarbon rubber glove should be used. Care should be taken when working with sharp edged articles as these can easily damage the gloves and make them ineffective. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Damaged gloves or those showing signs of wear should be replaced immediately.

Eye protection
Required

Hygiene measures
Wash skin thoroughly with soap and water or use recognized skin cleanser.

9. Physical and chemical properties

General information (appearance)
Physical state: liquid Colourless, Odourless

Important health, safety and environmental information

	Value	Method
1. Flash Point	Not Flammable	
2. Auto ignition temperature	Not Flammable	
3. Boiling point/range	122 C	
4. Lower explosive limit	Not applicable	
5. Upper explosive limit	Not applicable	
6. Vapour pressure	0.1 hPa	
7. Water solubility	completely miscible	

10. Stability and reactivity

Conditions to be avoided
Strong heating.

Substances to be avoided
Oxidizing agent, strong bases.

Hazardous decomposition products
No information available

11. Toxicological information

Acute toxicity
LD50 (dermal, rabbit): >2000 mg/kg (calculated on the pure substance)
LD50 (oral, rat): 3730 mg/kg (calculated on the pure substance)

Specific symptoms in animal studies:
Skin irritation test (rabbit): Irritations (OECD 404)

Sub acute to chronic toxicity
Applicable to the toxicologically determinant component:

Bacterial mutagenicity: Ames test: negative

12. Ecological information

Biological degradation:
Biodegradation: 50%/5d (calculated on pure substance)
Readily Biodegradable.

Behavior in environmental compartments:
Distribution: log p(o/w): -62 (experimental)
No bioaccumulation is to be expected (log P(o/w ,1)

Do not allow to enter waters, waste water, or soil !

13. Disposal considerations

Product:
Chemical must be disposed of in compliance with the respective national regulation.

14. Transport information

Not subjected to transport regulations.

15. Regulatory information

Symbol and indicating of hazard

Xi ---------- Irritant

R-phrase(s)
38 – 41-------- Irritating to skin. Risk of serious damage to eyes.
S-phrase(s)
26 – 39 --------In the case of contact with eyes rinse immediately with plenty of water.

16. Other information

Text of any R phrases referred to under heading 2;

38 --------- Irritating to skin.
41---------- Risk of serious damage to eyes.

Report version

Version	Changes
1.0	

Revision Date: 25 Nov 2006