



TAESUNG AUTOIND PRIVATE LIMITED

#165, Sidco Industrial Estate, Thirumazhisai,

Chennai -600 124, Tamil Nadu, India.

Phone:044-2681 0889, 2681 1433 (An ISO

9001:2015 Certified Company)

MATERIAL SAFETY DATA SHEET

1. MATERIAL IDENTIFICATION	
Name:	pH Additive (FH-102)
Supplied By:	TAESUNG AUTOIND PVT LTD., No.165, Sidco Industrial Estate, Thirumazhisai, Chennai – 600 124.
Telephone: (including emergencies)	044-2681 0889, 2681 1433.
Fax:	044-26810889
Prepared Date :	25,May.2010
Final Revision Date	11-June-2023

2. INFORMATION ON INGREDIENTS		
Potentially Hazardous Component	Concentration (%)	CAS No.
sodium hydroxide	60- 70	1310-73-2
Water	30- 40	-

3. HAZARDS IDENTIFICATION
Corrosive causes severe burns.

4. FIRST AID MEASURES		
	Symptoms / Hazard	Action
Eyes:	Severe burns, pain, redness and watering.	Wash immediately with plenty of water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION.
Skin:	Severe burns, pain, redness.	Wash with water. SEEK MEDICAL ATTENTION if irritation persists or contact is severe.

Ingestion:	Stomach pain, nausea, burns to mouth and throat.	SEEK IMMEDIATE MEDICAL ATTENTION. Do not induce vomiting.
Inhalation:	Not normally applicable.	Remove to fresh air. SEEK MEDICAL ATTENTION if any ill effects are felt.

FIRE FIGHTING MEASURES	
Flammability:	Product is non-flammable.
Extinguish Using:	n/a
Do NOT Use:	n/a
Hazards present in case of fire:	Alkaline fumes may be evolved.
Precautions for fire-fighters:	Wear breathing apparatus and protective clothing.

6.ACCIDENTAL RELEASE MEASURES	
Precautions:	Wear suitable protective clothing, gloves and eye/face protection.
Environmental:	If product enters drains, dilute copiously with water.
Treatment:	Absorb onto a neutral medium, such as sand, earth or granules and bag off for disposal. Dilute with water, if desired. Take care to avoid splashing. Neutralisation of well-diluted material may be carried out using dilute mineral acid or similar material.

7. HANDLING & STORAGE
• Avoid contact with eyes and skin. • Wear suitable protective clothing, gloves and eye/face protection. • Do not eat or drink when using the product. • Wash hands after use. • Store away from strong acids.

8. EXPOSURE CONTROL / PERSONAL PROTECTION	
Engineering Controls:	Whether ventilation is required will depend on the process with which this material is used as an additive.
Protection of Eyes:	Safety glasses, goggles or face mask.
Protection of Skin:	Rubber or PVC gloves, impermeable apron, boots.
Respiratory Protection:	Not normally required.

Exposure Limits:*	Ingrédient	Concentration (%)	Limit
OES	sodium hydroxide	60 - 70	2 mg/m ³ STEL
* MEL = Maximum Exposure Limit (EH40) LTEL = long-term exposure limit OES = Occupational Exposure Limit (EH40) SRL = Suppliers Recommended Limit STEL = short-term exposure limit			

9. PHYSICAL & CHEMICAL PROPERTIES	
Appearance	White color
Odor	Essentially Odorless
Specific Gravity	1.45+/-0.05
pH	Concentrate: 12.5 ~ 13.5
Solubility	Completely Soluble with water
Other	Liquid Caustic type Sodium hydroxide

10. STABILITY AND REACTIVITY	
Chemical Stability	Stable
Avoidable Condition and Material	Strong alkali
The Generation Of harmful Material with Decomposition	Not known
The Occurrence Of harmful Material with Reactivity	Unknown

11. TOXICOLOGICAL INFORMATION	
Acute Oral Toxicity LD50	No data
Acute Inhalation Toxicity LD50	No data
Chronical Toxicity	Not Cancer causing
Cancer causing effect	None

12. ECOLOGICAL INFORMATION	
Aquatic and ecological Toxicity	Not known
Soil Migration	None
Residence and Resolvability	None
Animal & Living thing Residue	None

13. DISPOSAL CONSIDERATION	
Law of Waste Product Control	Industrial waste product (is not specified waste product)

Disposal Method	After waste production is kept vessel of sealing, disposal with licensed industrial waste treatment company.
Disposal Consideration	Avoid outflow of river, lake, drain.

14. TRANSPORT INFORMATION	
Law of Marine Safety, Marine Transport and storage of hazard Material	No data
Other Transport Law of foreign	No data

15. REGULATORY INFORMATION
Description: This section identifies the safety, health, and environmental regulations specific for the product that is not indicated anywhere else on the MSDS. The information may include
Any national and/or regional regulatory information of the chemical or mixtures – Law of water environment.

16. OTHER INFORMATION
Description: This section indicates when the MSDS was prepared or when the last known revision was made. The MSDS may also state where the changes have been made to the previous version. You may wish to contact the supplier for an explanation of the changes. Other useful information also may be including here – Hazard Material Handbook, Chemical Substance superintendence