

STP No.1

Liquid/Powder Waterproofing and Plasticizing Admixture



Material Safety Data Sheet

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

Trade Name	STP No.1
Intended Use	Waterproofing and Plasticizing Admixture
Company Name	STP Limited 707 Chriranjiv Tower, 43 Nehru Place New Delhi 110019 Phone : +91 11 4656 1359 Fax : +91 11 4656 1358
Emergency Information	Phone : +91 81302 98888 Fax : +91 11 4656 1358

[1] Composition / information on ingredients

Component	%	CAS No
Sodium Ligno Sulphonate / Calcium Sterate	25 - 35 %	8061-51-6 / 1592-23-0
Additives	5 – 10 %	Trade secrete
Water	50 - 60 %	7731-18-5

[2] Hazards Identification

Inhalation	Classified as Non hazardous material .Excessive inhalation can cause nausea, headache, intoxication and Unconsciousness.
Ingestion	May cause irritation to the digestive tract and mouth causing vomiting and abdominal pain
Skin Contact	Slightly irritating
Eye Contact	May cause irritation

[3] First-aid Measures

Inhalation	Remove to fresh air. Give oxygen / artificial respiration if needed. Consult Doctor.
Ingestion	Do not induce vomiting. Consult Doctor.
Eye Contact	Flush with clean water for minimum 15 minutes. Consult Doctor.
Skin Contact	Remove contaminated clothing. Apply proprietary skin cleaner, then wash with copious soap and water. Apply skin cream.

[4] Fire-fighting Measures

Extinguishing Media	None.Product will not burn
Special Fire Fighting procedures	None
Unusual Fire & Explosion Hazards	None

[5] Accidental Release Measures / Spills and Leaks

Steps to be taken in case material is released or spilled	Dilute with water and absorb with mop or dry material and place in an appropriate waste disposal container.
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[6] Handling & Storage

Precautions for safe handling	Keep in tightly closed container in cool dry area from all sources of ignition
Other precautions	Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

[7] Exposure Controls / Personal Protection

Respiratory Protection (Type)	Not normally applicable. Avoid mists.
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[8] Ventilation

Local Exhaust	Ensure adequate ventilation to comply with OEL.
Protective Gloves	Not required ,Barrier cream can be used.
Eye Protection	Safety goggles Long sleeved overalls

[9] Physical & Chemical Properties

Appearance	White Powder,white/Amber Brown colour liquid,
Odour	Mild Ligno odour
pH	>6
Boiling Point/Boiling range °C	>100 °C
Specific Gravity	1.00-1.09
Vapour pressure(kPa at 20°C)	2.3
Melting Point /Freezing point	-10 °C
Water Solubility	Soluble
Evaporation Rate (Butyl Acetate=1)	N/A
Flash Point °C / Method used	N/A

Lower Explosive limits	N/A
Upper Explosive limits	N/A

[10] Stability & Reactivity

Stability	Stable under normal conditions
Conditions to avoid	Temperatures below 5°C and above 50 ° C
Incompatibility/Materials to avoid	Oxidising agents, strong acids, alkalis, Halogens
Hazardous Decomposition Products	Combustion produces toxic gases
Hazardous Polymerisation	Will not occur

[11] Toxicological Information

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Oral LD50, rat >5g/kg

Health Effects

On Eyes : May cause transient irritation.

On Skin : Unlikely to cause harm on brief or occasional contact.

By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

By Ingestion: Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.

Chronic : None known

[12] Ecological Information

Environmental Assessment : When used and disposed of as intended, no adverse environmental effects are foreseen.

Mobility : Mobile liquid. Soluble in water.

Persistence and Degradability: Expected to be not readily biodegradable.

Bioaccumulative Potential : Not expected to be bioaccumulative.

Ecotoxicity : Expected to be ecotoxic to fish/daphnia/algae

[13] Disposal Consideration

Dispose in accordance with all local and governmental regulations

Unused Product : Dispose of through an authorised waste contractor to a licensed site.

Used/Contaminated Product: As for Unused product.

Packaging : May be steam cleaned and recycled.

[14] Transport Information

Class	Non Hazardous material
Packaging Group	None Allocated
Classification Code	None Allocated
Hazard Ident. Number	None Allocated
UN Number	None Allocated
RID-ADR	None Allocated
HI	None Allocated
Label	None Allocated
Technical Name	Waterproofing and Plasticizing Admixture

[15] Regulatory Information (Risk & Safety Phrases)

R10	Not Flammable
R40/21	Not Harmful No risk of irreversible effects. In contact with skin
R51/53	NonToxic to aquatic organisms, may not cause long-term adverse effects in the aquatic Environment
S24	No effect contact with skin
S36/37/39	Wear suitable protective clothing, gloves and eye / face protection

[16] Other Health & Safety Information

Recommended uses and restrictions: See below
Source of key information used to compile SDS, CHIP regulations 1994. EH40
If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

Note

The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.