

Material Safety Data Sheet

WELL MIX 700 HES

PCE Base High Performance & High Early Strength (HES) Super Plasticizer / Admixture

Identification of the Substance / Preparation and of the Company / Undertaking

Trade Name	WELL MIX 700 HES
Intended Use	Concrete Admixture
Company Name	WELL KNIT CHEMICAL 64,Shri Krishna Industrial Estate, Moja Nougaoon, Sonkh Road, Mathura, (U.P)-281004 Ph: +91-9756207683 , +91-7037795299 E: info@wellknitchemical.com W: www.wellknitchemical.com
Emergency Information	Ph: +91-9756207683

[1] Composition / information on ingredients

Component	%	CAS No
Polycarboxylate ether	60 – 70%	Trade secret
Sodium Gluconate	4–6%	527-07-01
Additives	1–2%	Trade secret
Water	30 – 40%	7732-18-5

[2] Hazards Identification

Inhalation	May cause of irritation to the respiratory tract, with symptoms of Bronchitis.
Ingestion	May cause abdominal cramps, nausea, vomiting, diarrhea.
Skin Contact	Slightly irritating
Eye Contact	May cause irritation

[3] First-aid Measures

Inhalation	Allow the victim to rest in a well ventilated area. Seek a medical attention. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband. Get medical attention if symptoms appears.
Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Seek medical attention.

Material Safety Data Sheet

[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.
[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	
Engineering controls	Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.
Personal Protective Equipment	This product is not classified as hazardous, so PPE is not normally essential. However, it is generally recommended that contact with any chemical be kept to a minimum. Following is a guide to suggested PPE that may be utilized for handling this product.
Respiratory protection	Nor normally applicable. Avoid mists.
Glove type (AS2161)	Protective gloves or suitable barrier cream recommended.
Eye Protection	Wear safety glasses, which comply with local standard.
Clothing	N/A
Others	Use barrier cream to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.
[8] Ventilation	
Local Exhaust	Ensure adequate ventilation to comply with OEL
[9] Physical & Chemical Properties	
Appearance	Light brownish liquid
Odour	Slight / faint
pH	6 – 8
Boiling Point / Boiling range °C	> 100
Specific Gravity	1.10 ± 0.02
Vapour pressure (kPa at 20 °C)	2.3 (water)
Melting Point / Freezing Point	N/A
Water Solubility	Soluble
Flash Point °C	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 0 °C and above 50 °C
Incompatibility / Materials to avoid	Oxidising agents, strong acids, alkalis,
Hazardous Decomposition Products	Thermal decomposition – Sulphur compounds
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	

Material Safety Data Sheet

>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 authorized waste contractor to a licensed site.
Used / Contaminated Product	As for unused product
Packaging	May be steam cleaned and recycled.
[14] Transport Information	
UN Number	None Allocated
Dangerous Goods Class	None Allocated
Subsidiary Risk	None Allocated
EPG Card	None Allocated
Shipping Name	None Allocated
Packing Group	None Allocated
Poisons Schedule	None Allocated
Hazchem Code	None Allocated
[15] Regulatory Information (Risk & Safety Phrases)	
Risk Phrase	N/A
Safety Phrase	N/A
Poisons Schedule	N/A
Hazard Category	None
Classification	Non-hazardous
[16] Other Health & Safety Information	
Recommended uses and restrictions: 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	



Material Safety Data Sheet

the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

