



Material Safety Data Sheet

Kanex- Water type Fire Extinguisher

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Water Stored Pressure type Fire Extinguisher
Other Trade Names : ----
Model Nos. : KFWS-6, KFWS-9 KFWC-6, KFWC-9
Manufacturer/Supplier : M/s. Kanadia Fyr Fyter Pvt. Ltd.
Address : A-110, Kanara Business Center, Laxminagar,
B/H. Everest Garden Apartment. Ghatkopar (E) Mumbai-75
Phone Number : 022- 67250729

2. COMPOSITION/INFORMATION ON THE EXTINGUISHING MEDIUM

INGREDIENT	CONCENTRATION%	CAS NO.	HEALTH CLASS
Pure Water	QS	7732-18-5	Non Hazardous

3. HAZARD IDENTIFICATION

Human health hazards : Non hazardous

4. FIRST AID MEASURE

Remove patient from hazard area, keep patient calm & warm. Provide fresh air. Refer this Material Safety Data Sheet while giving medical treatment.

Skin : Water not hazardous to skin
Eye : Wash immediately with clean flowing water for at least 10 minutes..
Ingestion : Water not causes ingestion
Inhalation : If patient is conscious, it is anticipated to be a minor problem. If there is breathing Difficulty or cough, keep patient at rest, seated in maximum comfortable position. Call for medical attention if symptoms do not go away quickly or patient is Unconscious.

5. FIRE FIGHTING MEASURES

Fire fighting measures are not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes and clothing.
Personal Protections: Wear protective clothing specified for normal operations.



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7. HANDLING AND STORAGE

Handling	No special handling techniques required
Storage	Recommended storage environment is 5° to 55° C-store the product in original shipping container or tanks designed for product storage, away from direct Sunlight and heat. Do not put into contact with material which reacts violently with water. The product should be stored in sealed, original containers above 5° C and below 55° C for the best results. Protect from frost.
Personal Protective Equipment- Fire Fighting	Kanex water type Fire Fighting extinguisher will be used by professional fire fighters to Control and extinguish flammable liquid fires. This process may involve exposure to Heat, flame and possibly toxic vapors and fumes. It is normal procedure to wear appropriately designed personal protective equipments suitable for firefighting Operations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure limit	:	Not determined
Ventilation & engineering control measures:	Use only in well ventilated areas, avoid prolong, extensive or repeated inhalation or contact with eye and skin.	
Personal Protective & Handling equipment:	Body covering clothing recommended	
Hand protection:	Wear impervious gloves of approved type (eg Neoprene)	
Eye protection:	Wear safety goggles of an approved type	
Respiratory protection:	Not required	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Color less liquid
pH at 20° C	7.0
Boiling Point	100° C at 760 mm Hg
Odor	Odor less
Flammability	Non flammable
Solubility	Miscible in all proportions
Specific gravity	1.0
Special fire fighting procedures	None. This is an extinguishing agent
Unusual fire and explosion hazards	None

10. STABILITY AND REACTIVITY

Stability	Generally stable.
Hazardous decomposition products	Do not expose containers to heat or flame since the containers are made from high density polyethylene and will burn. Thermal decomposition of containers and/or product may generate acid smoke, fumes and traces of Na ₂ O, Cl ⁻ ,SO _x , NO _x & HF.



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11. TOXICOLOGICAL INFORMATION

Inhalation Inhalation of hazardous amount is unlikely, when used as intended
May cause irritation to respiratory tract when inhaled.
Ingestion Low oral risk when used as intended.
Contact to eye or skin Low risk if appropriate precautionary measures are taken
Aqua toxicity Water non causing aqua toxicity

12. ECOLOGICAL INFORMATION

Persistence/degradability: Biodegradable
Bioaccumulation: Bioaccumulation is unlikely to occur due to metabolism and excretion
Biodegradation: Biodegradable
Sewage treatment: Data not available

13. DISPOSAL

Disposal	Waste should be disposed via local authority, waste collection service or registered	
	Waste carrier. Ensure that the destination is a licensed facility. Container should be disposed off as per local rules.	
Local legislation	India	Europe
	AIR (Prevention & Control of pollution) Act 1981	Control of Pollution Act 1974
	The Water (Prevention & control of Pollution) 1974	Special Wastage Regulation 1996
	The Hazardous Waste (Mgt & Handling) 1989 Rules	Environmental Protection Act 1990
Handling for disposal	Avoid contact with skin & eyes. Do not inhale excessively. Do not ingest. Wash thoroughly with clean water in case of contact.	
Method of disposal	Do not discharge into drain or water source.	

14. TRANSPORT INFORMATION

Not classified as Dangerous or Hazardous for transport

15. OTHER INFORMATION

Use & restriction For Fire extinguishment
Information Source Data sheet of ingredients & packaging manufacturers,
Literature from PPE manufacturers
Central Pollution Control Board Guidelines - India