

S. S.

BLOW CHEM PVT. LTD.

TECHNICAL DATA SHEET

MICROCELL- ZBS	
PRODUCT	ZINC (DI-BENZENE SULFINATE) DI-HYDRATE Activator for Chemical Blowing Agents
CHEMICAL STRUCTURE	(C ₆ H ₅ SO ₂) ₂ Zn.2H ₂ O CAS NUMBER { 24308-84-7 } MOL WT. = 383
GAS CONTENT	N.A
APPEARANCE	WHITE POWDER
ASH	0.3%
pH (5% AQUEOUS SUSPENSION AT 25 C)	7.0 ± 0.5
MOISTURE CONTENT	0.2 % W/W MAX.
SOLUBILITY	SOLUBLE IN DMF & DMSO INSOLUBLE IN WATER & BENZENE
PARTICLE SIZE	N.A
MESH SIZE (+300) BSS	0.1 % W/W max.
MELTING POINT (OPEN CAPILLARY TUBE METHOD)	218± 3 C
GAS EVALUATION	N.A
SPECIFIC GRAVITY	N.A

APPLICATION

- ☞ MICROCELL ZBS is an activator for Azodicarbonamide and causes it to decompose at as low as 130°C which in turn allows processing at reduced energy costs while retaining normal speed, allows processing of heat sensitive substrates and processing articles wherein reduced plasticizer fumes are desirable.
- ☞ Combinations of MICROCELL ZBS with Azodicarbonamide give whiter foams, free from creamy coloration even with lower titanium dioxide dosage.
- ☞ At normal PVC processing temperature of 200°C MICROCELL ZBS allows production at considerably higher speeds.

DOSAGE

- ☞ 0.5 – 6.0 PHR depending on the polymers used & extent to expansion required.

PACKING

- ☞ MICROCELL ZBS is packed in 25 Kgs. corrugated paper cartons with a polythene liner inside.

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STORAGE

Its storage stability is good enough provided it is stored.

- ☞ In a cool and dry place.
- ☞ Away from localized sources of heat.
- ☞ Away from strong alkalis & acids with which it reacts.

FLAMMABILITY

- ☞ MICROCELL ZBS is non-flammable and does not support combustion. Decomposition of MICROCELL ZBS on heating causes evolution of fumes resembling smoke. In case of Fire, use water.

TOXICITY

- ☞ MICROCELL ZBS is of low toxicity by skin contact and is mildly irritating to the eyes, its decomposition residues are also of low toxicity.

HANDLING

- ☞ MICROCELL ZBS is substantially free from handling problems, care should be taken to prevent its contact with skin & eyes. Avoid creating dusty conditions because of possibility of respiratory.

OUR STATEMENT

- ☞ The statements made in the above documents are correct to the best of our knowledge and belief. S. S. Blow Chem. Pvt. Ltd., gives no warranty as to their accuracy and will not be responsible for any loss or expenses arising from use of these products

OUR OFFICE

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✂ **Department issuing data specification sheet:**

✂ Technical and Quality Control
(R & D) (Export Division)

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