

Commitment to Quality and Consistency

## MATERIAL SAFETY DATA SHEET (MECHSTER 6300) HET ACID BASED POLYESTER RESIN

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SECTION	<b>–</b> 1·	PROD	JCT IDF	NTIFICATION	
		11100	JOI IDE		

1.1 CHEMICAL NAME/SYNONYM :UNSATURATED POLYESTER RESIN

SOLUTION IN STYRENE

1.2 BRAND / TRADE NAME :HET ACID BASED POLYESTER RESIN

MECHSTER 6300

1.3 CHEMICAL COMPOSITION : HET Acid based unsaturated polyester resin

solution in Styrene.

1.4 MANUFACTURER'S NAME AND

ADDRESS

FAX NO.

: MECHEMCO INDUSTRIES

Unit No. 27, Kewal Industrial Estate Senapati Bapat Marg, Lower Parel

Mumbai 400 013, INDIA

1.5 EMERGENCY TELEPHONE NOS. : +91-22-24966373/24966374/24951799

: +91-22-24945907 : +91-22-24945907

E-MAIL ADDRESS

: mechemco@vsnl.com

#### **SECTION – 2: HAZARDOUS INGREDIENTS**

INGREDIENT WT% CAS No. EEC No. TLV Styrene 35-45% 100-42.5 601-026-00-0 100 ppm

(8 hr reference period)

#### **SECTION - 3: PHYSICAL DATA**

3.1	STATE	: Viscous Liquid
3.2	COLOUR	: Yellow Clear
3.3	ODOUR	: Styrene Odour
3.4	FLASH POINT	: 34°C (Styrene)
3.5	SPECIFIC GRAVITY	: 1.14
2.0	\/ICCCCIT\/ -+ 20.0C	. 200 F00 -D

3.6 VISCOSITY at 30 °C : 300-500 cP

3.7 WATER SOLUBILITY : Insoluble in Water

#### SECTION – 4: STORAGE AND HANDLING INFORMATION

4.1 STORAGE : Keep tightly closed in a dry, cool and

well ventilated place. Protect against heat

4.2 HANDLING : Protection against fire and explosion. Keep

away from sources of ignition.

"NO SMOKING"

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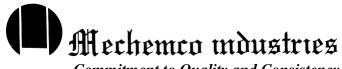
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SEC	CTION - 5: HAZARDS IDENTIFICAT	ION AND DATA
5.1	MOST IMPORTANT HAZARDS	: Flammable
5.2	FIRE & EXPLOSION HAZARD	: Dangerous fire hazard & moderate explosion hazard when vapour is exposed to flame
5.3	HAZARD DATA	: Harmful by inhalation, irritation to eyes & skin
	a. Threshold Limit Value	: 100 ppm (8 hours reference period)
	b. Effects of Over Exposure	: May cause skin and eye irritation
SEC	CTION – 6: FIRE FIGHTINHG MEASI	URES
6.1	Extinguishing Media	: Standard procedures for Chemical fire, use dry powder, sand, foam. Cool the containers / tanks with water spray
6.2	Special Notes	: May form toxic materials, viz., Carbon Dioxide, Carbon Monoxide and various hydrocarbons while burning. Recommended to Wear self contained breathing apparatus while fighting fire
SEC	TION – 7: STABILITY AND REACT	IVITY DATA
7.1	STABILITY	: Store below 30 °C in closed original Containers. Store in dark, away from Oxidising Materials
7.2	CONDITIONS TO AVOID	: Excess heating or cooling over long time, exposure to sunlight, mixing with strong oxides
7.3	HAZARDOUS DECOMPOSITION PRODUCTS	: None under normal use. Thermal decomposition can lead to release of irritating gases and vapours
7.4	HAZARDOUS POLYMERIZATION	:May occur

#### **SECTION - 8: TOXICOLOGICAL INFORMATION**

No information available

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SEC	TION - 9: EMERGENCY FIRST A	AID PROCEDURES
9.1	EYE CONTACT	: Flush eyes with copious amount of water for at least 15 minutes. Seek medical attention if irritation persists
9.2	SKIN CONTACT	: Wash skin with water and soap. Seek medical attention if irritation persists
9.3 INHALATION		: Move to fresh air. Restore or support breathing as required. Keep the person warm and at rest. Seek medical attention as soon as possible
9.4	INGESTION	: If conscious, give large quantities of water and contact physician
SEC	TION - 10: EMPLOYEE PROTEC	CTION / SPECIAL PROTECTION
10.1	RESPIRATORY PROTECTION	: In case of insufficient ventilation wear suitable respiratory equipment
10.2 10.3	_	: Mechanical ventilation and local exhaust
	a) Hands Protection	: PVC or other plastic material gloves
	b) Eye Protection	: Splash Proof Goggles / Face Shield
	c) Skin / Body Protection	: Chemical Resistant Apron, Protective Suit, Safety Shoes / Boots
SEC	TION - 11: DISPOSAL INFORMA	ATION / ENVIRONMENT PROTECTION
11.1	SPILL AND LEAK PROCEDURES	: Soak up with inert adsorbent material. Shovel in to suitable container for disposal. After cleaning, flush away traces with water.
11.2	WASTE DISPOSAL METHOD	: Incinerate or land-fill in accordance with local pollution regulation and ordinance.
11.3	ENVIRONMENTAL HAZARDS	: Non specified
SEC	TION - 12: ECOLOGICAL INFOR	RMATION
12.1	GENERAL INFORMATION	Marine Pollutant

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Refer to SECTION 11 for safe disposal

12.2 DISPOSAL METHODS



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SEC1	ΓΙΟΝ – 13: REGULATORY INF	ORMATION
13.1 OSHA REGULATION		100 ppm for Styrene (As per Section 2)
13.2	ACGIH	50 ppm for short term exposure limit for Styrene
13.4	SAFETY PRECAUTIONS	Refer to Section 4 and Section 8
SECT	ΓΙΟΝ – 14: SPECIAL PRECAU <sup>-</sup>	TIONS
14.1	PRECAUTION ON	: Flammable. Keep away from heat, sparks and
	HANDLING AND STORING	open flame
SEC1	ΓΙΟΝ – 15: TRANSPORT INFO	RMATION
15.1	MARINE POLLUTANT	: Yes
15.2	CLASS	: 3
15.3	UN NO.	: 1866
15.4	PROPER SHIPPING NAME	: Resin Solution

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