

## CENOSPHERE

### MATERIAL SAFETY DATA SHEET

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME** : All Grades of Cenosphere  
VA-LD-300 / VA-FS-375 / VA-PC-150 / VA-PC-100  
VA-SP-150 / VA-TC-810 / VA-TC-710 / VA-TC-500  
VA-HD-500 / VA-HD-300 / VA-LD-210

**RECOMMENDED USE** : For Industrial use only

**SUPPLIER** : Kulin Corporation  
703 / Renuka Opp. Balaji Mandir, Tilak Road, Ghatkopar (East)  
Mumbai - 400 077. INDIA

EMERGENCY TELEPHONE:  
+91 (0)22 -21026172 (business hours)  
Email : kulincorporation@gmail.com

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY	CENOSPHERE		
COMPONENT	EC NUMBER	CONCENTRATION%	EC SYMBOL RISK PHRASES
Silica		95%	

For full text of risk phrases, please refer to Section 16

#### 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW** Not classified as dangerous.

**EYE** Common irritations include tearing and marked redness. Continued exposure can lead to corneal injuries.

**SKIN CONTACT INHALATION** Brief contact may cause slight irritation including itching and redness. Excessive concentrations of a nuisance dust may cause coughing, sneezing, nasal irritation, and headaches. Over exposure may cause severe respiratory irritation and trouble breathing. Swallowing may result in gastrointestinal irritation. No unusual hazards are expected.

**INGESTION** Swallowing may result in gastrointestinal irritation.

**PHYSICO-CHEMICAL** No unusual hazards are expected.

**ENVIRONMENTAL** Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

**Mumbai Office :**

703, Nav Renuka, Plot No. 108  
Tilak Road, Opp. Balaji Mandir Road  
Ghatkopar (East), Mumbai - 400077

**Factory :**

Beside Bhaskar Exxcoils Pvt. Ltd.  
Village - Wadoda, Bhandara Road  
Tal. Kamphthi, Dist. Nagpur - 441104

**T** : 022 - 2102 6172  
**M** : +91 - 98211 62079  
**E** : kulincorporation@gmail.com

**CENOSPHERE**

MATERIAL SAFETY DATA SHEET

**4. FIRST-AID MEASURES**

EYE	Immediately flush with large amounts of running water for 10-15 minutes. If discomfort persists, seek medical attention.
SKIN CONTACT	Wash skin with plenty of soap and water for several minutes. If skin irritation persists, seek medical attention
INHALATION	Remove person to fresh air. Seek medical attention for any breathing difficulty. If swallowed, give water to drink and seek medical advice. Do not induce vomiting.
INGESTION	

**5. FIRE-FIGHTING MEASURES**

EXTINGUISHING MEDIA SPECIAL FIREFIGHTING PROCEDURES FIRE & EXPLOSION HAZARDS HAZARDOUS COMBUSTION PRODUCTS	Alcohol Foam; CO <sub>2</sub> ; Dry Chemical; Foam; Water Fog Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. This is an Ash product and presents no particular fire or explosion hazard. Carbon monoxide, carbon dioxide.
LOWER EXPLOSION LIMIT	(%) Not applicable
UPPER EXPLOSION LIMIT	(%) Not applicable
AUTOFLAMMABILITY	Not applicable
FLASH POINT	Not applicable

**6. ACCIDENTAL RELEASE MEASURES**

SPILL AND LEAK PROCEDURES	Absorb spillages onto sand, earth or any suitable adsorbent material. Sweep up and shovel into waste Paper or HDPE bag. Wash the spillage area with water. Disposal should be in accordance with local, state or national legislation.
------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

for safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

**7. HANDLING AND STORAGE**

STORAGE TEMPERATURE	-10- 750 °C
HANDLING/STORAGE accumulate in the	Product contains hazardous volatile ingredients which could unvented headspace of drums or bulk storage vessels. Open drums in ventilated area. Avoid breathing vapours. This material should not be spilled, discharged, or flushed into sewers or public waterways.
SENSITIVE TO STATIC ELECTRICITY SPECIAL	No special sensitivity
SENSITIVITY TO MECHANICAL IMPACT	No

**Mumbai Office :**

703, Nav Renuka, Plot No. 108  
Tilak Road, Opp. Balaji Mandir Road  
Ghatkopar (East), Mumbai - 400077

**Factory :**

Beside Bhaskar Exxcoils Pvt. Ltd.  
Village - Wadoda, Bhandara Road  
Tal. Kamphthi, Dist. Nagpur - 441104

**T** : 022 - 2102 6172  
**M** : +91 - 98211 62079  
**E** : kulincorporation@gmail.com

**CENOSPHERE**

MATERIAL SAFETY DATA SHEET

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

COMPONENT	EXPOSURE LIMITS
Silica	UK EH40OES 8-hour TWA: 10ppm UK EH40 OES 8-hour TWA: 10mg/m <sup>3</sup> UK EH40 OES 15-minute STEL: UK EH40 OES 15-minute STEL:
VENTILATION REQUIREMENTS	General.
EYE PROTECTION REQUIREMENTS	Safety glasses, goggles or face shield to protect against splashing. Personal eye protection should conform to EN 166.
GLOVE REQUIREMENTS	Gloves are recommended due to possible irritation. Gloves should conform to EN 374.
CLOTHING REQUIREMENTS	Uniforms, coveralls, or a lab coat should be worn. Rubber boots and apron if exposure is severe.
CHANGE/REMOVAL OF CLOTHING	Remove contaminated clothing and launder before reuse.
WASH REQUIREMENTS	Wash before eating, drinking, or using toilet facilities.
RESPIRATORY REQUIREMENTS	None, unless there is a risk of inhaling sprayed material. Respirators should conform to EN 136 or EN 140 and be fitted with filters conforming to EN 143.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PURE SUBSTANCE OR PREPARATION	Preparation.
PHYSICAL FORM	Solid
COLOUR	Grey / Off White
ODOUR	
ODOUR THRESHOLD	Not available
pH AS IS	8
OXIDIZING PROPERTIES	Not applicable 750
FLASH POINT	°C
MELTING/FREEZING POINT SOLUBILITY IN WATER PARTITION COEFFICIENT	Miscible Not
(n-octanol/water) LOI	Applicable
RELATIVE DENSITY BULK DENSITY	
EVAPORATION RATE VAPOUR PRESSURE	2% 1.4+
(mmHg) VAPOUR DENSITY (air=1)	Not available
VOLATILES AUTOFLAMM ABILITY	2% max Non Flammable

**Mumbai Office :**

703, Nav Renuka, Plot No. 108  
Tilak Road, Opp. Balaji Mandir Road  
Ghatkopar (East), Mumbai - 400077

**Factory :**

Beside Bhaskar Exxoils Pvt. Ltd.  
Village - Wadoda, Bhandara Road  
Tal. Kamphthi, Dist. Nagpur - 441104

T : 022 - 2102 6172  
M : +91 - 98211 62079  
E : kulincorporation@gmail.com

**CENOSPHERE**

MATERIAL SAFETY DATA SHEET

**10. STABILITY AND REACTIVITY**

STABILITY	Stable
HAZARDOUS DECOMPOSITION PRODUCTS	None

**11. TOXICOLOGICAL INFORMATION**

EYE SKIN	Contact with eyes causes redness and discomfort, which is transient. Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.
INHALATION	Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature.
INGESTION	Avoid breathing vapors or mists. Low oral toxicity.

**CHRONIC (LONG TERM) EFFECTS OF EXPOSURE**

EFFECTS OF CHRONIC EXPOSURE	Although this product has not been tested for chronic effects it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.
TARGET ORGANS	None known.
RESPIRATORY SENSITIZATION	No.
SKIN SENSITIZATION	No.
POSSIBLE BIRTH DEFECT HAZARD	No.

**12. ECOLOGICAL INFORMATION**

POTENTIAL EFFECT ON ENVIRONMENT	Contributes to effluent BOD.
ECOTOXICITY AQUATIC TOXICITY MOBILITY	Low but has a BOD contribution. None Established Miscible in water and likely to be transported considerable distances if allowed ingress to water. Not readily biodegradable.
PERSISTENCE AND DEGRADABILITY POTENTIAL TO BIOACCUMULATE	The product has low potential for bioaccumulation.

**13. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHODS	Wastewater containing emulsions must be pretreated before discharge to DS Wastewater containing emulsions must be pretreated before discharge to sewer or open water. Ultra-filtration coagulation/settling or flotation processes are suitable; further details can be provided on request.
EMPTY CONTAINER WARNINGS	Not needed.

**Mumbai Office :**

703, Nav Renuka, Plot No. 108  
Tilak Road, Opp. Balaji Mandir Road  
Ghatkopar (East), Mumbai - 400077

**Factory :**

Beside Bhaskar Exxcoils Pvt. Ltd.  
Village - Wadoda, Bhandara Road  
Tal. Kamphthi, Dist. Nagpur - 441104

**T** : 022 - 2102 6172  
**M** : +91 - 98211 62079  
**E** : kulincorporation@gmail.com

**CENOSPHERE**

MATERIAL SAFETY DATA SHEET

**14. TRANSPORT INFORMATION (See also section 9)**

IATA CLASSIFICATION	Not classified as dangerous.
IMDG CLASSIFICATION	Not classified as dangerous.
ADR/RID	Not classified as dangerous.

**15. REGULATORY INFORMATION**

Not classified as dangerous.	
EINECS	All components of this product are listed in EINECS or ELINCS.

**16. OTHER INFORMATION**

REPLACES VERSION DATED  
ORIGINAL DOCUMENT DATED  
FOR REGULATORY  
INFORMATION, CONTACT

**Mr. Kulin Shah**

**Kulin Corporation**

703 / Renuka, Opp. Balaji mandir,  
Tilak Road Ghatkopar (East)  
Mumbai - 400 077. INDIA

EMERGENCY TELEPHONE:

+91 (0)22 -2102 6172 (business hours) Except Sunday / Holiday

Email : kulincorporation@gmail.com

**FULL TEXT OF RISK PHRASES FOR INGREDIENTS INDICATED IN SECTION 2:**

	Non-flammable.
Alumino Silica	Hollow Cenospheres of Alumino Silicate Extracted from FLY ASH



**Mumbai Office :**

703, Nav Renuka, Plot No. 108  
Tilak Road, Opp. Balaji Mandir Road  
Ghatkopar (East), Mumbai - 400077

**Factory :**

Beside Bhaskar Exxoils Pvt. Ltd.  
Village - Wadoda, Bhandara Road  
Tal. Kamphthi, Dist. Nagpur - 441104

**T** : 022 - 2102 6172  
**M** : +91 - 98211 62079  
**E** : kulincorporation@gmail.com