

ADOCEN PRODUCTS PRIVATE LIMITED

TRADE NAME: ADOCEM© IV @405

MATERIAL SAFETY DATA SHEET

According to 91/155 EEC

Reviewed on: 21.01.2020

1. IDENTIFICATION OF PRODUCT AND THE COMPANY

Trade Name: ADOCEM© IV @405
Manufacturer / Supplier: ADOCEM Products Private Limited
Head Office: 501/1, DDA Towers 1,
District Centre, Janakpuri, New Delhi - 110058
Tel.: +91.11.45611956
E-mail: info@adocem.in / sales@adocem.in
Emergency Contact Number: +91.11.45611956

2. COMPOSITION / INFORMATION OF INGREDIENTS

- Proprietary product based on Poly-Alcohols formulation.
- For further information, please refer to the product technical data sheet.

Dangerous Components		
Poly-Alcohols-Mixtures	Xi: R 36/38, R 52	15 – 75%
Chlorides	Xi: R 36/38, R 52	0,33 – 50%

- Additional information: For the wording of the listed risk phrases refer to section 16.

3. HAZARDS IDENTIFICATION

- Hazard description: Not applicable.
- Information concerning particular hazards for human and environment: The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

4. FIRST AID MEASURES

- Inhalation: Take affected persons into fresh air and keep quiet. Seek immediate medical advice.
- Skin contact: Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice
- Eye contact: Rinse opened eye for several minutes under running water. Seek immediate medical advice.
- Swallowing: Wash out mouth with water. Do not induce vomiting; call for medical help immediately. Never give anything by mouth• to an unconscious person.

5. FIRE FIGHTING MEASURES

- Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray.
- Protective equipment: Wear self-contained respiratory protective device.
- Additional information: Collect fire-fighting water separately. It must not enter the sewage system.

6. ACCIDENTAL RELEASE MEASURES

- Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.
- Measures for environmental protection: Do not allow to enter sewers/surface or ground water.
- Measures for cleaning/collecting: Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, universal binders). Send for recovery or disposal in suitable receptacles.
- Dispose contaminated material as waste according to item 13.

7. HANDLING & STORAGE

- Handling: Store in original containers. Open and handle receptacle with care. Ensure good interior ventilation.
- Information about fire - and explosion protection: No special measures required.
- Storage: No special measures required.
- Further information about storage conditions: Protect from frost. Store in cool, dry conditions in properly sealed receptacles.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: Based on the lists valid at the date of MSDS creation.
- General protective and hygienic measures: Avoid contact with the eyes and skin.
- Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- Protection of hands: Protective gloves.
- Material of gloves: PVC gloves.
- Eye protection: Safety glasses. Face protection.
- Body protection: Protective work clothing.

ADOCHEM PRODUCTS PRIVATE LIMITED

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9. PHYSICAL & CHEMICAL PROPERTIES

Form	Liquid
Colour	Clear, Transparent, Misty
Odour	Characteristic
Melting point/Melting range	Undetermined
Boiling point/Boiling range	> 100°C
Flash point	> 100°C
Self-igniting	Product is not self-igniting.
Danger of explosion	Product does not present an explosion hazard.
Density at 20°C	1.16 g/cm ³ ± 0,05 g/cm ³
Solubility in Water	Yes
pH-value at 20°C	11,5 ± 1
Additional information	These are typical values and do not constitute a specification.

10. STABILITY & REACTIVITY

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Dangerous reactions: No dangerous reactions known.
- Dangerous decomposition products: Carbon monoxide and carbon dioxide. Nitrogen oxides (NO_x).

11. TOXICOLOGICAL INFORMATION

- ACUTE TOXICITY - Primary irritant effect
 - On the skin: May be irritating to the skin on prolonged contact.
 - On the eye: May be irritating to the eyes.
- Additional toxicological information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

- General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

European waste catalogue:	
07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01 00	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 99	wastes not otherwise specified

- **UNCLEANED PACKAGING:** Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

- LAND TRANSPORT ADR/RID (cross-border) ADR/RID class
- MARITIME TRANSPORT IMDG IMDG Class
- Marine pollutant: No.
- AIR TRANSPORT ICAO-TI AND IATA-DGR ICAO/IATA Class

15. REGULATORY INFORMATION

- Labelling according to EU guidelines: Observe the general safety regulations when handling chemicals.
- Special labelling of certain preparations: Safety data sheet available for professional user on request.
- Waterhazard class: WGK 1 (VwVwS Anhang 4 vom 19.05.1999): slightly hazardous for water.
- Other regulations, limitations and prohibitive regulations: All components EINECS listed or exempt.

16. OTHER INFORMATION

- This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- Relevant R-phrases 36/38 Irritating to eyes and skin.
 52 Harmful to aquatic organisms
- Department issuing MSDS EHS Department,
 ADOCEM Products Private Limited Head
 Office: 501/1, DDA Towers 1,
 District Centre, Janakpuri, New Delhi - 110058