



Material Safety Data Sheet

1. Identification of Substances/Preparation and of the Company/undertaking.

- **Product details**
- **Trade name:** vinyl acetate
- **Manufacturer/Supplier:**
Jay Overseas Pvt.Ltd.
402, Shopper Plaza-IV,
Opp.Lal Bunglow,
C.G.Road,Navrangpura,
Ahmedabad-380 009
Ph:+91 79-66622278 to 92 Fax:+91 79-66622280 /90
E-Mail Id: info@jayoverseas.com
- **Further information obtainable from:** Product safety department.

2. Composition/Information on ingredients.

- **Chemical characterization:**
- **CAS No. Description**
108-05-4 vinyl acetate
- **Identification number(s)**
- **EINECS Number:** 203-545-4
- **EU Number:** 607-023-00-0

3. Hazards Identification.

- **Hazard description:**



F Highly flammable

- **Information concerning particular hazards for human and environment:**
R 11 Highly flammable.

4. First Aid Measures.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5. Fire-Fighting Measures.

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.

6. Accident Release Measures.

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
· **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7. Handling & Storage.

· **Handling:**
· **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
· **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.

8. Exposure Control/Personal Protection

Protect against electrostatic charges.
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** Store in a cool location.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

· **Additional information about design of technical facilities:** No further data; see item 7.
· **Ingredients with limit values that require monitoring at the workplace:**
I08-05-4 vinyl acetate
REL (USA)----- Short-term value: C 15* mg/m³, C 4* ppm
*15-min

TLV (USA)-----Short-term value: 53 mg/m³, 15 ppm
Long-term value: 35 mg/m³, 10 ppm

· **Additional information:** The lists valid during the making were used as basis.
· **Personal protective equipment:**
· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
· **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:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:**



Tightly sealed goggles

9. Physical and Chemical Properties.

· General Information

Form: Fluid

Colour: Colourless

Odour: Sweetish

· Change in condition

Melting point/Melting range: -93.2°C

Boiling point/Boiling range: 72°C

· Flash point: -8°C

· Ignition temperature: 425°C

· Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· Explosion limits: Lower: 2.6 Vol %
Upper: 13.4 Vol %

· Vapour pressure at 20°C: 111 hPa

· Density at 20°C: 0.93 g/cm³

· Solubility in / Miscibility with water at 20°C: 20 g/l

10. Stability and Reactivity.

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· Dangerous reactions: No dangerous reactions known.

· Dangerous decomposition products: No dangerous decomposition products known.

11. Toxicological Information.

· Acute toxicity:

· LD/LC50 values relevant for classification:

Oral--- ----LD50--- 2920 mg/kg (rat)

Dermal--- LD50--- 2335 mg/kg (rabbit)

· Primary irritant effect:

· on the skin: No irritant effect.

· on the eye: No irritating effect.

· Sensitization: No sensitizing effects known.

12. Ecological Information.

· General notes:

Water hazard class 2 (German Regulation) (Assessment by list): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

13. Disposal Consideration.

· Product:

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

14. Transport Information

· Land transport ADR/RID (cross-border)



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 339
- **UN-Number:** 1301
- **Packaging group:** II
- **Hazard label:** 3
- **Description of goods:** 1301 VINYL ACETATE, STABILIZED

· **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1301
- **Label 3**
- **Packaging group:** II
- **EMS Number:** F-E,S-D
- **Proper shipping name:** VINYL ACETATE, STABILIZED
- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1301
- **Label 3**
- **Packaging group:** II
- **Proper shipping name:** VINYL ACETATE, STABILIZED

15. Regularity Information.

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**

F Highly flammable

· **Risk phrases:**

11 Highly flammable.

· **Safety phrases:**

2 Keep out of the reach of children.

16 Keep away from sources of ignition - No smoking.

23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

29 Do not empty into drains.

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.