

Product name Celvolit 1328 (SG)
MSDS number 850128
Revision Number 1

AGHS/EN

Revision Date May.30.2016
Issuing date Nov.14.2016

1. Identification of the substance/preparation and the company/undertaking

Product name
Celvolit 1328 (SG)

Manufacturer or supplier's details

Celanese (Shanghai) International Trading Co., Ltd.
Room 239, Xinmao Building
South Taizhong Road
Waigaoqiao Free Trade Zone
Shanghai, China

Celanese Pte Ltd
10 Hoe Chiang Road, #07-05 / 06
Keppel Towers
Singapore 089315

Product Information
HazCom@celanese.com

Emergency telephone number
+(65) 62656917 (Operations Room direct dial)
or fax request to +(65) 62664696 (Facsimile to Operations Room)
or email to posh.er@paccoffshore.com.sg

In China Emergency Number: 86-532-83889090 (NRCC)

Identified uses
Industrial use

2. Hazards identification

Statements of Hazard Not a dangerous product according to GHS

3. Composition/Information on ingredients

Chemical characterization Water-borne polymer emulsion. Basis: Vinyl acetate Ethylene

4. First aid measures

Product name Celvolit 1328 (SG)
MSDS number 850128
Revision Number 1

Revision Date May.30.2016
Issuing date Nov.14.2016

AGHS/EN

4. First aid measures

General Information

Remove contaminated, soaked clothing immediately and dispose of safely.

Skin

Wash off with soap and water. If symptoms persist, call a physician.

Eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Ingestion

If swallowed, seek medical advice immediately and show this container or label. If conscious, drink plenty of water. Do not induce vomiting without medical advice.

5. Fire-fighting measures

Suitable extinguishing media

The product in solution form does not burn. The product will burn only after the water it contains is driven off. For dry polymer, use alcohol resistant foam, carbon dioxide (CO₂) or dry chemical.

Extinguishing media which must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases

Under conditions giving incomplete combustion, hazardous gases produced may consist of

Carbon monoxide

Carbon dioxide (CO₂)

Combustion gases of organic materials must in principle be graded as inhalation poisons

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Environmental precautions

Dike and collect water used to fight fire

Other Information

This is a water-based product and presents no particular fire or explosion hazard

6. Accidental release measures

Personal precautions

Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

Environmental precautions

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.

Product name Celvolit 1328 (SG)
MSDS number 850128
Revision Number 1

AGHS/EN

Revision Date May.30.2016
Issuing date Nov.14.2016

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Dispose of in accordance with local regulations.

7. Handling and storage

Advice on safe handling

Product may contain hazardous volatile ingredients which could accumulate in the unvented headspace of drums or containers. Open containers in ventilated area. Do not breathe vapor.. During longer storage small amounts of carbon monoxide may form. To the best of our knowledge, no OEL (occupational exposure limit) is exceeded during the intended use. Containers/tanks may only be entered after thoroughly executed ventilation while considering national regulations and international standards for inspection of containers/tanks. In any case of doubt a measurement of the CO concentration is necessary.

Incompatible products

Materials that react with water

Protection - fire and explosion:

No special protective measures against fire required.

Material storage

Protect from frost. To maintain product quality, do not store in heat or direct sunlight. Keep at temperatures between 5°C and 35°C (40°F and 95°F). Agitate before use. Keep tightly closed in a dry and cool place.

Incompatible products

Materials that react with water

Technical measures/Storage conditions

Keep tightly closed in a dry and cool place. No special technical protective measures required.

8. Exposure controls / personal protection

ACGIH Exposure Limits

No exposure limits established.

OSHA Exposure Limits**Exposure controls****Engineering measures**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal protective equipment**General advice**

Avoid contact with skin and eyes.

Hygiene measures

Wash hands before breaks and at the end of workday.. When using, do not eat, drink or smoke.. Take off all contaminated clothing immediately. Wash contaminated clothing before re-use.

Product name Celvolit 1328 (SG)
MSDS number 850128
Revision Number 1

Revision Date May.30.2016
Issuing date Nov.14.2016

AGHS/EN

Eye protection safety glasses.

Hand protection Chemicals resistant gloves
Suitable material nitrile rubber
Type Nitril (Company KCL) or comparable article;
or refer to glove manufacturer's recommendation
Evaluation according to EN 374: level 6
Material thickness approx. 0.1 / 0.4 mm

9. Physical and chemical properties

Appearance

Form liquid
Color white
Odor slight

pH 3.5 - 5.0
Method ISO 976
Viscosity 700 - 2500 mPa*s @ 25°C
Method Brookfield Visc. RVT Sp. 4 / 20 r.p.m.
Water solubility miscible

10. Stability and reactivity

Chemical stability

Stable under recommended storage conditions

Conditions to avoid

Do not freeze.

Incompatible Materials

Materials that react with water

11. Toxicological information

Potential health effects

Routes of exposure Skin, Eyes

Immediate effects

Skin Prolonged skin contact may cause skin irritation.

Eyes May cause eye irritation.

Ingestion May cause gastrointestinal irritation.

Product name Celvolit 1328 (SG)
MSDS number 850128
Revision Number 1

Revision Date May.30.2016
Issuing date Nov.14.2016

AGHS/EN

Toxicological data are not available. Observe the usual hygienic measures for handling chemicals.

12. Ecological Information

Ecotoxicological data are not available. According to experience, the material has no harmful effect on the environment.

13. Disposal considerations

Product information

Disposal required in compliance with all waste management related state and local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal Diluted solution may be introduced into a biological purification plant, with permission of the responsible authorities

Uncleaned empty packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse Regulations concerning reuse or disposal of used packaging materials must be observed.

14. Transport information

US Department of Transportation Not regulated

ADR/RID Not regulated

ADN Not regulated

ICAO/IATA Not restricted

IMDG Not regulated

15. Regulatory information

16. Other information

Prepared By

Product Stewardship Department
Celanese

For further information, see:

For more information, consult the Technical Data Sheet (www.celanese-emulsions.com).

Other Information:

Traces of residual monomers can be found in the product.: Vinyl acetate.

Changes against the previous version are marked by ***

SAFETY DATA SHEET



Product name Celvolit 1328 (SG)

AGHS/EN

MSDS number 850128

Revision Date May.30.2016

Revision Number 1

Issuing date Nov.14.2016

Sources of key data used to compile the datasheet

Information contained in this safety data sheet is based on Celanese owned data and public sources deemed valid or acceptable. The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available.

Further information

This information is based on our present state of knowledge. It shall describe our products regarding safety requirements and shall not be construed as a guarantee or statement of condition and/or quality