

SAFETY DATA SHEET
(according to EC directive 1907/2006)

Version: 1.0

Update : 27.10.2007
Date : 19.08.2008

TEGO CARBOMER 140

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

Trade name : TEGO CARBOMER 140

Usage : Stabilizer for cosmetic formulations

Information on manufacturer/supplier : Evonik Goldschmidt GmbH
Goldschmidtstr. 100
45127 Essen
Telephone: +4920117301
Telefax: +492011733000

Information provided by : Product Safety Goldschmidt
Telephone: (+49) (0) 201/173-2770
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2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

No particular hazards known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization : Carboxymethylene polymer

4. FIRST AID MEASURES

After inhalation : Remove the casualty into fresh air and keep him calm.
In the event of symptoms take medical treatment.

After contact with skin : In case of contact with skin wash off with soap and water.

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- After contact with eyes : In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
- After ingestion : drink large quantities of water and induce vomiting.
Summon a doctor immediately.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.
- Extinguishing media which must not be used for safety reasons : not applicable
- Special hazards from the substance itself, its combustion products or from its vapours : In the event of fire the following can be released:
- carbon dioxide, carbon monoxide
- Special protective equipment for firefighters : Do not inhale explosion and/or combustion gases

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
Avoid dust formation.
- Environmental precautions : Do not allow to enter drains
- Methods for cleaning up/taking up : Pick up mechanically
Dispose of absorbed material in accordance with the regulations.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Avoid raising dust.
Provide good ventilation of working area (local exhaust ventilation if necessary).
- Advice on protection against fire and explosion : Avoid formation of dust

Storage

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Protect from heat and direct sunlight

German storage class : 11

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Personal protection equipment**

General protective measures : Do not inhale dust

Hygiene measures : Do not eat, drink or smoke when working.
Wash hands before breaks and after work.

Respiratory protection : In case of dustformation, wear a mask for fine dust.

Hand protection : PVC gloves

Eye protection : goggles, or face shield if necessary

Skin and body protection : emergency eye wash fountains and safety showers should be available.

9. PHYSICAL AND CHEMICAL PROPERTIESForm : Powder
Colour : white
Odour : slightly like acetic acid

Melting temperature : not measured

Boiling temperature : not measured

Flash point : not applicable

Lower explosion limit : not applicable

Upper explosion limit : not applicable

Density : 1,4 g/cm³

Water solubility : soluble

pH : 2,7 - 3,3
at 50 g/l water

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Viscosity, dynamic : 15.000 - 30.000 mPa.s
2 g/l in water

40.000 - 60.000 mPa.s
5 g/l in water

10. STABILITY AND REACTIVITY

Thermal decomposition : Not measured

Hazardous reactions : No hazardous reactions with proper storage and handling.

Hazardous decomposition products : None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 Species: rat
Dose: > 5.000 mg/kg

Skin irritation : slight irritant effect - does not require labelling

Eye irritation : slight irritant effect - does not require labelling

Remarks : Proper use provided, no adverse health effects have been observed or
have been come to our knowledge.
The substance has no mutagenic activity (Ames Test)

12. ECOLOGICAL INFORMATION

Further ecological information

Remarks : The product is considered to be a weak water pollutant (German law).
Do not allow to enter soil, waterways or waste water canal.

13. DISPOSAL CONSIDERATIONS

Product : In mixture with inflammable liquids in accordance with local
authority regulations, take to special waste incineration plant.

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the
receiver must be informed about possible hazards.

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14. TRANSPORT INFORMATION

Land transport

ADR:

Not regulated

RID:

Not regulated

Inland navigation transport

ADNR:

Not regulated

Sea transport

IMDG:

Not regulated

Air transport

ICAO/IATA:

Not regulated

15. REGULATORY INFORMATION

Labelling in accordance with GefStoffV/EC : The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

National legislation / regulations

TA Luft (Germany) : Class: Paragraph 5.2.1

Observe local authority regulations corresponding to the german incident regulation (StörfallV). : ---

Water contaminating class : 1 (Classification acc. to German law)

Risk classification according to BetrSichV (Germany) : ---

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Other regulations : none

16. OTHER INFORMATION

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This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Changes compared to the previous version are marked before the section number!