

**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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Telefax: (+49) (0) 2 01/1 73-18 54

**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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Further information : Storage: cool and dry  
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 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 PROPERTIES**

Form : 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/cm<sup>3</sup>

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**

none

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!