

# Material Safety Data Sheet



The Chemical Company

Revised : 16/10/2006

Supersedes : 01/06/2006

**MEYCO® TCC 780**

HD-MEYCO TCC 780

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

### Product Information

Product name MEYCO® TCC 780

### Use of the Substance/Preparation

Recommended use Product for underground applications

### Manufacturer, importer, supplier

Company UGC International, Division of BASF Construction Chemicals (Switzerland) Ltd , Vulkanstrasse 110, 8048 Zurich, Switzerland, Tel.: +41 58 958 22 11, Fax: +41 58 958 34 10, www.ugc.basf.com

### Emergency telephone number

BASF AG Ludwigshafen Werkfeuerwehr  
Tel.: 0049 621 60 43333  
Fax: 0049 621 60 92664  
e-mail: fire.department@basf.com

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation Water soluble poly (alkylene oxide)

### Hazardous components

n.a.

### CAS-Nr.

-

### Weight %

-

### OEI\*, mg/m<sup>3</sup>

-

\* Occupational Exposure Limit, mg/m<sup>3</sup>

## 3. HAZARDS IDENTIFICATION

Not classified as hazardous according to directive 1999/45/EC

## 4. FIRST AID MEASURES

- Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Skin contact Remove and wash contaminated clothes. Wash affected area with soap and plenty of water. Get medical attention if irritation persists.
- Inhalation No emergency anticipated. Remove affected person to fresh air. If patient is dizzy or unconscious call physician.
- Ingestion No harmful effects expected, if quantities are limited. Rinse mouth immediately with plenty of water. If accidentally swallowed drink plenty of water and obtain medical attention. Induce vomiting only on the advice of physician.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

- Suitable extinguishing media Use extinguishing media appropriate for surrounding fire

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- Extinguishing media which must not be used for safety reasons	High volume water jet	
Specific hazards	With water the floor may become slippery. Wash carefully with plenty of water and soap.	
Specific methods	Cool containers exposed to fire with water spray. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.	
Special protective equipment for firefighters	Wear self contained breathing apparatus for fire fighting if necessary.	
Under fire conditions:	Decomposes in carbon mono-/dioxides	
<b>6. ACCIDENTAL RELEASE MEASURES</b>		
Personal precautions	Use personal protective equipment. See # 8. Ensure adequate ventilation. With water the floor may become slippery.	
Environmental precautions	Observe the usual precautions as with all chemicals. Do not discharge product into drains, surface and/or ground waters or onto surface soils.	
After spillage/leakage/gas leakage	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take up mechanically and collect in suitable container for disposal. Dispose as per 13.	
<b>7. HANDLING AND STORAGE</b>		
<u>Handling</u>		
Technical measures/Precautions	Observe the usual precautions when handling chemicals. Provide adequate ventilation or air evacuation at workplace. Keep containers tightly closed and dry.	
Safe handling advice	Use personal protective equipment. See # 8.	
<u>Storage</u>		
Technical measures/Storage conditions	Store in original container. Keep containers tightly closed. Do not store in direct sunlight. Protect against frost.	
Storage class (VCI)	12: Non-combustible liquids	
Protection against fire and explosion	This product is an aqueous solution and non combustible.	
<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>		
Exposure limit(s)	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.	
Engineering measures	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.	
<u>Personal protective equipment</u>		
- Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment masks / respirators (filter P2, EN 143)	
- Hand protection	Gloves: latex / rubber (NR, EN 374)	
- Eye protection	Safety goggles / face shield	
- Skin and body protection	Overall for light duty chemicals, Class I, Type 3 (against pulverizations, EN 468)	

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Hygiene measures	Observe the usual precautions when handling chemicals. Wash hands before breaks and after finishing work. Change contaminated clothes immediately. Do not eat, drink or smoke at workplace.	
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>		
Form	liquid	
Colour	colourless to yellowish	
Odour	characteristic	
Density	1.005 ± 0.02 g/cm <sup>3</sup> (20° C)	
pH	8.5 ± 1 (20° C)	
Water solubility	miscible	
Other data	This product is not combustible.	
<b>10. STABILITY AND REACTIVITY</b>		
Stability	Stable under normal storage and application temperatures.	
Hazardous reactions	No dangerous reactions known under normal conditions of use.	
Hazardous decomposition products	carbon mono-/dioxides (under fire conditions)	
<b>11. TOXICOLOGICAL INFORMATION</b>		
Toxicological data is based on tests done on the finished product (Risk assessment, August 2005)		
<u>Acute toxicity</u>		
LD50/oral/rat =	9000 mg/kg	
Sensitisation	No sensitization effects known.	
Eye irritation	non-irritant	
Skin irritation	non-irritant	
<b>12. ECOLOGICAL INFORMATION</b>		
Eco-toxicological data is based on tests done on the finished product (Risk assessment, August 2005)		
Biodegradability	6 % after 20 days (OECD 302 B (Zahn-Wellens))	
Theoretical oxygen demand (ThOD) =	2 : 4	
LC50/96h/fish =	> 100 mg/l (Poecilia reticulata)	
EC50/48h/daphnia =	> 100 mg/l	
Water pollution class	German WPC (water pollution class) = 1 (low hazard to water)	
<b>13. DISPOSAL CONSIDERATIONS</b>		
Waste from residues	Eliminate the product and its package in agreement with the local legislation. The end user of the product is responsible for the waste (product and package). Dump in suitable, designated landfill according to local regulations. May be under observance of local regulations, admitted into sewage treatment plant, or incinerated in suitable plant.	
Waste disposal number	16 03 06, off-specification batches and unused products (organic wastes other than those mentioned in 16 03 05)	
<b>14. TRANSPORT INFORMATION</b>		
<u>Road/rail transport</u>		

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ADR/RID <u>Sea transport IMDG</u> <u>Air transport ICAO-TI and IATA-DGR</u> IATA-DGR Other information		This product is not classed as a dangerous good in any transport regulation.
<b>15. REGULATORY INFORMATION</b>		
Labelling		Labelling according to EU directives concerning preparations: No hazard symbol required. This product is not a dangerous preparation.
Symbol(s):		none
R-phrase(s)		none
S-phrase(s)		none
<b>16. OTHER INFORMATION</b>		
Released:		DEA
Approved:		DEA
REMARKS:		This data sheet conforms to standards defined by directives 91/155 & 93/112/EEC Data sheet required pursuant to Art.10 of directive 88/379/EEC. The information in this Data Sheet applies only to the products designated herein and produced or supplied by us. It is based on our experience and on the data available to us at the time of its issue and is accurate to the best of our knowledge.