

Material Safety Data Sheet



The Chemical Company

Revised : 22/02/2007

Supersedes : 16/10/2006

MEYCO® TCC 735

HD-MEYCO TCC 735

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

Product Information

Product name MEYCO® TCC 735

Use of the Substance/Preparation

Recommended use Concrete improver

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
+41 44 251 51 51 (Swiss Toxicological Information Centre (STIC))

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation Viscous paraffin dispersion

<u>Hazardous components</u>	<u>CAS-Nr.</u>	<u>Weight %</u>	<u>OEL*, mg/m³</u>
n.a.	-	-	-

* Occupational Exposure Limit, mg/m³

3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES

- Eye contact Remove eye lenses immediately. 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.
- Inhalation Remove affected person to fresh air. In case of breathing difficulty or distress, get medical attention.
- Ingestion 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 Water spray, foam, carbon dioxide, dry powder
- Extinguishing media which must not be used for safety reasons High volume water jet

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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	Use self-contained breathing apparatus for fire fighting.	
Under fire conditions:	Develops carbon mono-/dioxide and other toxic fumes	
6. ACCIDENTAL RELEASE MEASURES		
Personal precautions	Use personal protective equipment. See # 8.	
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.	
7. HANDLING AND STORAGE		
<u>Handling</u>		
Technical measures/Precautions	Provide adequate ventilation or air evacuation at workplace.	
Safe handling advice	Avoid spilling, skin and eye contact. Observe industrial safety and hygiene practice.	
<u>Storage</u>		
Technical measures/Storage conditions	Store in original container. Keep containers tightly closed. Do not store in direct sunlight. Protect against frost.	
Incompatible products	Store away from strong oxidising agents and reducing agents	
Storage class (VCI)	12: Non-combustible liquids	
Protection against fire and explosion	No special technical protective measures required.	
8. EXPOSURE CONTROLS / PERSONAL PROTECTION		
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	Wear suitable respiratory protective equipment when necessary : masks / respirators (filter P2, EN 143)	
- Hand protection	Gloves: nitrile rubber	
- Eye protection	Safety goggles / face shield	
- Skin and body protection	Overall for light duty chemicals, Class I, Type 3 (against pulverizations, EN 468)	
Hygiene measures	Observe the usual precautions when handling chemicals. Wash hands before breaks and after finishing work. Do not eat, drink or smoke at workplace.	
9. PHYSICAL AND CHEMICAL PROPERTIES		
Form	liquid (dispersion)	

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Colour	white	
Odour	characteristic	
Density	0.92 ± 0.03 g/cm ³ (20° C) (ISO 758)	
pH	8.5 ± 0.5 (20° C) (ISO 4316)	
Boiling point/range	100 °C	
Water solubility	miscible (20° C)	
Viscosity	1400 ± 200 mPa.s (20° C) Brookfield, spindle 3/100	
Decomposition temperature	>= 100 °C	
10. STABILITY AND REACTIVITY		
Stability	Stable under normal storage and application temperatures.	
Materials to avoid	strong oxidising agents and reducing agents	
Hazardous reactions	Reacts with strong oxidising agents and reducing agents	
Hazardous decomposition products	Develops carbon mono-/dioxide and other toxic fumes (under fire conditions)	
11. TOXICOLOGICAL INFORMATION		
No toxicological data is available for the finished product. The LD50/LC50 values mentioned refer to individual raw materials. (IUCLID)		
Component:	Paraffin CAS Nr. 8002-74-2	
<u>Acute toxicity</u>		
LD50/oral/rat =	> 5000 mg/kg bw	
Sensitisation	No sensitization effects known.	
Eye irritation	non-irritant (OECD 405)	
Skin irritation	non-irritant (OECD 404)	
LD50/dermal/rat =	> 3600 mg/kg	
12. ECOLOGICAL INFORMATION		
No eco-toxicological data is available for the finished product. The EC50/LC50 values mentioned refer to individual raw materials. (IUCLID)		
Component:	Paraffin CAS Nr. 8002-74-2	
Biodegradability	Readily biodegradable, according to appropriate OECD test. (OECD 302 B)	
LC50/96h/fish =	100 mg/l	
Toxicity to bacteria	> 2500 mg/l	
Further information on ecology	Do not discharge product into drains, surface and/or ground waters or onto surface soils.	
Water pollution class	German WPC (water pollution class) = 1 (low hazard to water)	
13. DISPOSAL CONSIDERATIONS		
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). Dispose according to local regulations.	
Waste disposal number	070601 - aqueous washing liquids and mother liquors	
14. TRANSPORT INFORMATION		

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<u>Road/rail transport</u> 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.	
15. REGULATORY INFORMATION		
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	
16. OTHER INFORMATION		
Further information		
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.	