

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 28.01.2009

Revision: 19.08.2008

1 Identification of substance

- **Product details**
- Trade name **ACC H**
Accelerator PH
- **Article number:** 1295
- **Application of the substance / the preparation** Accelerator
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
Postfach 1255
D-49624 Lönningen / Germany
Tel.: 05432/83-0
Fax: 05432/3985
- **Informing department:**
Product Safety department: Tel.: +49 (0)5432/83-138/-538
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- **Emergency information:**
during working hours:
U.K.: Tel.: +44 (0) 845 373 0103
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Head Office Germany: Tel.: +49 (0)5432 83 185
after working hours: Tel.: +49 (0)171/6428-297

2 Hazards identification

- **Hazard designation:**



Xn Harmful

- **Information pertaining to particular dangers for man and environment**
R 22 Harmful if swallowed.
R 36/38 Irritating to eyes and skin.
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Designation:**
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol
- **Identification number(s):**
- **EINECS Number:** 202-013-9
- **Index number:** 603-069-00-0

4 First aid measures

- **General information**
Immediately remove any clothing soiled by the product.
In case of accident or if you feel unwell, seek medical attention immediately (if possible, show label).

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- **After inhalation** Seek medical treatment in case of complaints.
- **After skin contact**
Wash off immediately with water.
If skin irritation continues, consult a doctor.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing**
Do not induce vomiting; call for medical help immediately.
Administer water in small swallows (diluting effect).
To neutralize, administer highly acidic fruit juices.
- **Information for doctor**
- **Treatment** Treat chemical burns the same as burns caused by heat.

5 Fire fighting measures

- **Suitable extinguishing agents**
Water
Alcohol-resistant foam
Fire-extinguishing powder
Carbon dioxide
BC powder
- **Special hazards caused by the material, its products of combustion or flue gases:**
May be released in case of fire
Carbon monoxide (CO)
Carbon dioxide
further harmful conflagration gases and fumes
Nitrous gases
- **Protective equipment:**
Wear self-contained breathing apparatus.
Wear full protective suit.

6 Accidental release measures

- **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **Measures for environmental protection:**
Do not allow product to reach sewage system or water bodies.
Do not allow to enter the ground/soil.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Use only in well ventilated areas.
- **Information about protection against explosions and fires:** Do not spray on flames or red-hot objects.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information on storage in a common storage facility:** none

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- **Further information about storage conditions:** Keep container tightly closed.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:** not applicable
- **Additional information:** The lists that were valid during compilation were used as a basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
Keep away from food, beverages and animal feed.
Immediately remove soiled, saturated clothing.
Do not eat, drink or smoke while working.
Use skin protection cream for preventive skin protection.
Wash hands before pauses and after work.
Avoid contact with eyes and skin.
Do not inhale gases / vapours / aerosols.
- **Respiratory equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:** Long cuffed gloves
- **Material of gloves**
Butyl rubber, BR
Nitrile rubber, NBR
PVC gloves
- **Penetration time of glove material**
Break through time: max. 240 min (DIN EN 374).
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Tightly sealed safety glasses.
- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

· General Information

Form:	Fluid
Colour:	Yellow-brown
Odour:	Amine-like

· Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: >200°C (1013 hPa)

· **Flash point:** ca. 107°C (DIN 51758)

· **Ignition temperature:** ca. 400°C (DIN 51794)

· **Danger of explosion:** Product is not explosive.

· **Vapour pressure at 20°C:** < 0.01 hPa

· **Density at 20°C** 0.98 g/cm³ (DIN 51757)

· Solubility in / Miscibility with

Water: miscible

· **pH-value at 20°C:** ca. 11

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- **Viscosity:**
dynamic at 25°C: 100 - 400 mPas

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:** Acids
- **Dangerous reactions** Strong exothermic reaction with epoxy resins possible.
- **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

90-72-2 2,4,6-tris(dimethylaminomethyl)phenol

Oral | LD50 | 2169 mg/kg (Ratte)

OECD-Richtlinie Nr. 401

- **Primary irritant effect:**

- **on the skin:** Caustic effect on skin and mucous membranes.

- **on the eye:** Irritating effect.

- **Sensitisation:** No sensitising effect known.

- **Additional toxicological information:**

Swallowing leads to a strong caustic effect in the mouth and throat and to the danger of perforation of oesophagus and stomach.

12 Ecological information:

- **General notes:**

Water hazard class 1 : slightly hazardous to water.

Do not allow product to reach ground water, bodies of water or sewage system.

At present there are no ecotoxicological assessments.

13 Notes on disposal:

- **Product:**

- **Recommendation**

Not hardened material must be disposed of as hazardous waste according to official regulations. Hardened product remains may be disposed of as building rubble or put into household garbage.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
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08 01 00	wastes from MFSU and removal of paint and varnish
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08 01 11	waste paint and varnish containing organic solvents or other dangerous substances
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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**



- **ADR/RID-GGVS/E Class:** 8 (C7) Corrosive substances.
- **Kemler Number:** 80
- **UN-Number:** 2735
- **Packaging group:** III
- **Danger sign:** 8
- **Designation of goods:** 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol)
- **Limited quantities (LQ)** LQ7
- **Tunnel restriction code** E
- **Remarks:** TREM-Card No. 83

- **Maritime transport IMDG/GGVSea:**



- **IMDG/GGVSea Class:** 8
- **UN Number:** 2735
- **Label** 8
- **Packaging group:** III
- **EMS Number:** F-A,S-B
- **Marine pollutant:** -
- **Correct technical name:** POLYAMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol)

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 8
- **UN/ID Number:** 2735
- **Label** 8
- **Correct technical name:** POLYAMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol)

15 Regulatory information

- **Designation according to EC guidelines:**
The product has been classified and labelled in accordance with EC Guidelines / Ordinance on Hazardous Materials (GefStoffV)

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· **Code letter and hazard designation of product:**



Xn Harmful

· **Hazard-determining components of labelling:**

2,4,6-tris(dimethylaminomethyl)phenol

· **Risk phrases:**

22 Harmful if swallowed.
36/38 Irritating to eyes and skin.

· **Safety phrases:**

2 Keep out of the reach of children.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28 After contact with skin, wash immediately with plenty of soap and water.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
46 If swallowed, seek medical advice immediately and show this container or label.

· **National regulations**

· **Water hazard class:** Water hazard class 1: slightly hazardous to water.

· **Other regulations, limitations and prohibition ordinances**

· **Professional Association (BG) Code of Practice:** BGR 227 - "Epoxy Resins"

16 Other information:

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

· **Department issuing data specification sheet:** Product Safety department

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