

SAFETY DATA SHEET COOLTEK 275

1. IDENTIFICATION

Trade name: Cooltek 275
Generic Type: None
Product type/area of use: Cooling water treatment for control and removal of iron and other flocculants

2. INFORMATION ON COMPOSITION

Substances which give the product

<u>its health-risk properties</u>	<u>CAS-no</u>	<u>Contents %</u>	<u>Remarks</u>
GLUCONIC ACID		5-10	
NITRILOTRICARBOXYLIC ACID		5-10	
SULPHONATED POLYACRYLATE		1-5	
SODIUM HYDROXIDE		5-10	

3. HAZARDS IDENTIFICATION

Inhalation
Liquid material – inhalation not applicable
Eye Contact
Alkaline solution – may cause burns
Skin Contact
Alkaline solution – may cause burns
Ingestion
Alkaline solution – may cause burns

4. FIRST-AID MEASURES

Inhalation
Not applicable
Eye Contact
Wash immediately with plenty of water
Skin Contact
Remove immediately contaminated clothing and wash skin
Ingestion
Drink plenty of water
Information to Doctor
Alkaline solution containing hydroxides

Cont.....

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Water based product with no special hazards
Precautions: None
Extinguishing Media: No special media required
Not Suitable Extinguishing Media: None

6. ACCIDENTAL RELEASE MEASURES

Absorb by inert material. Flush spill area with plenty of water. The alkaline hazard of the product is removed by dilution with water.

7. HANDLING AND STORAGE

Handling: Wear gloves, eye protection and overalls
Storage: Store indoors and prevent from freezing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control: Avoid eye and skin contact
Personal Protection: Wear gloves, goggles and overalls when handling the material

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown coloured hazy liquid		
Boiling Point (°C):	100°C	Density (Kg/m ³):	1.15 – 1.20
Flashpoint (°C) TCC:	None	Vapour pressure (mmHg)	
Pour point (°C):	None	Vapour density (air=1)	
Auto-ignition Temp (°C):	None	Soluble in organic solvent:	None
Expl.omr. (vol%):		Solubility in water (w-%):	100%
pH (concentrate):	11.5 – 13.5	pH (10% solution in distilled water)	
Rel. evaporation rate:	N/A	Ether = 1:	Butylacetate = 100
Viscosity (cSt):			

10. STABILITY AND REACTIVITY

Stability: The product is stable and has a shelf life of 2 years
Avoid Blending With: Acids as an exothermic neutralisation will occur
Dangerous Products of Degradation: None
Dangerous Products of Combustion: None

11. TOXICOLOGY INFORMATION

Analysis Data: Oral LD₅₀ [RAT] > 5000mg/kg [Calculated] Considered to be non-toxic

Remarks:

12. ECOLOGICAL INFORMATION

Analysis Data: No information
[but assumed to be the same as dewgard 794]

13. DISPOSAL CONSIDERATIONS

Recommendations: No information
[but assumed to be the same as dewgard 794]

Cont.....

14. TRANSPORT INFORMATION

UN no: None Packaging gr. None hazardous

15. REGULATORY INFORMATION

Chemical Health Hazard: Non-hazardous

Chemical to the Environment:

Inflammable Product:

Class:

Explosive Product:

Tmsp. Class:

Labelling Category [-s]:

Symbol [-er]:

Main Text:

R-Phase [-s]: 36/38 irritating to eyes and skin

S-Phase [-s]: S26, S37, S39 wash immediately with water

16. OTHER INFORMATION