

SAFETY DATA SHEET

POLYDOSE

Section 1

Trade Name: Polydose
Chemical Name & Synonyms: Aqueous solution of sodium Polyacrylate
Applications: Dispersing agent

Section 2

Hazardous ingredients Residual monomer trace (<0.5%)

Section 3

Physical Data

Solubility in water Miscible
PH ca 7.5
Specific gravity ca 1.27
% volatile ca 56
Viscosity ca 275
Appearance and colour clear, colourless to pale straw liquid

Section 4

Fire and Exposition Hazard Data

Flash point (method) not flammable
Unusual fire & explosion hazards none

Section 5

Health Hazards Data

Occupational Exposure Limit: Not determined
Effects of over-exposure: Prolonged or repeated contact may irritate eyes and skin
Emergency and First Aid Procedure
Eyes Irrigate with water for 20 minutes: If irritation persists seek medical Attention
Skin Wash off with soap and water. Remove contaminated clothing and Launder before rewearing
Inhalation and Ingestion Inhalation not likely to be a route of entry. In case of ingestion drink Copious amounts of water and seek medical attention

Polydose continued

Section 6

Reactivity Data

| | |
|----------------------------------|----------------|
| Stability | Stable |
| Hazardous Polymerisation | Will not occur |
| Incompatibility | None Known |
| Hazardous Decomposition Products | None Known |

Section 7

Spill or leak procedures

Steps to be taken if material

Is released or spilled: Wash away from copious water

Waste Disposal

In accordance with local regulations

Section 8

Special Protection Information

Protective Clothing

Gloves and long sleeved workwear

Other Protective Equipment

If eye contact is likely ie, in open systems, goggles should be worn

Section 9

Special Precautions

Precautions to be taken in

Handling and storing

Store in a cool, dry place in sealed containers

Other Precautions

None known

Section 10

Classification and Labelling info

UN Number

IMDG Class

Not classed as hazardous

IATA Class

for conveyance or supply

ADR Class

CPL Class

CPL Risk and Safety Phrases

Section 11

Other Information

FDA Compliance

175.310

Boiler water additives

176.170

Paper and paperboard – aqueous and fatty foods

176.180

Paper and paperboard – dry foods

175.105

Adhesives

176.180

Paper and paperboard – dry foods