

MATERIAL SAFETY DATA SHEET

MSDS No. : KI-KFPA322K

Date of issued : 27-02-1996

Rev-1, 02-03-2012

Company : **P.T. KURITA INDONESIA**Brandname : **KURIFLOCK PA-322K**

1.1 Chemical characterization :

Formulation based on acryl amide polymer.

1.2 Form : at 20 °C solid

1.3 Colour : White powder

1.4 Odour :

2. Physical data and safety data

Tested in accordance with :

2.1 Change in physical state

Point of decomposition

°C

°C

°C

2.2 Density

(20 °C)

g/cm³

Bulk density

(°C)

kg/m³

2.3 Vapour pressure

(20 °C)

no applicable

mbar

mbar

2.4 Viscosity

(25 °C) (0.1% soln.)

160 ± 50

cps

2.5 Solubility in water

(20 °C)

g/l

in most of the usual organic solvents not miscible

2.6 pH value (at 0.1% SOLN.)

(25 °C)

7.5 ± 1.0

2.7 Flash point

not applicable

°C

2.8 Ignition temperature

not applicable

°C

2.9 Explosion limits

Lower : -

Upper : -

2.10 Thermal decomposition

by release of harmful vapours

2.11 Hazardous decomposition:

products none if used as indicated.

2.12 Hazardous reaction :

Not hazard

2.13 Further information

the product is used for waste water treatment, sewage treatment mining.

3. Transport

GGVSee/IMDG - Code : -

UN-No : -

ICAO/IATA-DGR : -

GGVE/GGVS: -

RID/ADR : -

ADNR : -

Other information :

The product itself is not limited by transport regulations.

4. Regulations

CAS No. : 9003-05-8

MATERIAL SAFETY DATA SHEET

MSDS No. : KI-KFPA322K

Date of issued : 27-02-1996

Rev-1, 02-03-2012

Brandname : **KURIFLOCK PA-322K**

5. Protective measure , storage and handling .

5.1 Technical protective measures.

Store product in tightly closed containers in a cool , dark and ventilated area. Install spillage containers. Exhaust vapours directly at origin of formation. Provide eye bath at the working place.

5.2 Personal protective equipment

Respiratory dust mask*

Eye protection : chem. -safe. goggles

Hand protection : gloves

Other :

* In case of detectable airborne concentrations.

5.3 Indus. Hygiene : Do not eat, drink or smoke at the working place. Avoid any direct contact with the product.

Never breathe dusts. Change contaminated clothing immediately.

5.4 Fire / Explosion protection

Cool drums exposed to the fire with water spray. The product itself is not inflammable. Coordinate personal protective equipment and fire-fighting measure to the case of fire wear. Collect all contaminated water in containers and dispose according to local regulations.

5.5 Disposal : Dispose product according to local regulations. Empty used containers completely, rinse with water, dispose containers excluding possible reuse.

6. Measures in case of accidents and fires

6.1 After spillage / leakage : swept the leakage product. The product itself is very slippery.

6.2 Extinguishing media suitable : Water spray.

Not to be used :

6.3 First aid

Eye contact : After separating the eyelids flush with copious amounts of water

6.4 Further infos

7. Information on toxicity

The product itself is not toxic, and used for industrial water

8. Information on ecological effects

The product used for purification of brine, black and green liquor of pulp mill, and mud of aluminium industry and does not have any effect to environmental.

9. Further information

The data given here do not signify any warranty with regard to the products' properties.