Safety data sheet

1. Substance/preparation and company identification

Joncryl® HPD 96 MEA

Use: additive for the plastics industry

Company:
PT BASF Indonesia
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Jakarta Selatan 12950, P.O. Box 2431 Gbr., Jakarta 10024, INDONESIA
Telephone: +62 21 526-2481 /-2505
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Emergency information:
Telephone: +62 21 543-71979

2. Composition/information on ingredients

Chemical nature

Monoethanolamine salt of modified styrene acrylic polymers, in water

Hazardous ingredients

2-aminoethanol

Content (W/W): >= 0.5 % - <= 1 %
CAS Number: 141-43-5
EC-Number: 205-483-3
INDEX-Number: 603-030-00-8
Hazard symbol(s): C
R-phrase(s): 20/21/22, 34

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

3. Hazard identification

Irritating to eyes, respiratory system and skin.

Note: A toxicology assessment suggests that this product is classified as an irritant. To the best of our knowledge, the neutralizing agent is the primary source of irritation. See Section 11 for more details.
The amount of neutralizer reported in Section 3 is calculated to be the excess neutralizer after creation of the polymer salt.

4. First-aid measures

General advice:
Immediately remove contaminated clothing.

If inhaled:
If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

On skin contact:
Wash thoroughly with soap and water.

On contact with eyes:
Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:
Rinse mouth immediately and then drink plenty of water, seek medical attention.

Note to physician:
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Suitable extinguishing media:
water spray, dry extinguishing media, foam

Specific hazards:
harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:
Use personal protective clothing.

Environmental precautions:
Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:
For large amounts: Pump off product.
For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

7. Handling and storage

Handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:
No special precautions necessary.

8. Exposure controls and personal protection

Components with workplace control parameters

2-aminoethanol, 141-43-5;
TWA value 3 ppm (ACGIHTLV)
STEL value 6 ppm (ACGIHTLV)
TWA value 7.5 mg/m3 ; 3 ppm (OEL (ID))

Personal protective equipment

Respiratory protection:
Respiratory protection not required.

Hand protection:
Chemical resistant protective gloves
Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):
e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other
Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.
Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:
Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:
Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:
Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is required additionally to the stated personal protection equipment.

9. Physical and chemical properties

Form:	liquid
Colour:	amber
Odour:	amine-like
pH value:	8.2 - 8.9
Flash point:	> 100 °C
Flammability:	does not ignite
Ignition temperature:	No data available.
Explosion hazard:	not explosive
Density:	1.08 g/cm3 (20 °C)
Solubility in water:	dispersible

10. Stability and reactivity

Hazardous reactions:
No hazardous reactions when stored and handled according to instructions.

Hazardous decomposition products:
No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

Acute toxicity

LD50 rat (oral): > 5,000 mg/kg

Irritation

Primary skin irritation rabbit: Irritant. (BASF-Test)

Primary irritations of the mucous membrane rabbit: Irritant. (BASF-Test)

Other relevant toxicity information

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

12. Ecological information

Ecotoxicity

Assessment of aquatic toxicity:
At the present state of knowledge, no negative ecological effects are expected.

Persistence and degradability

Assessment biodegradation and elimination (H2O):
The polymer component of the product is poorly biodegradable.

Additional information

Other ecotoxicological advice:
The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition.

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13. Disposal considerations

Must be dumped or incinerated in accordance with local regulations.

Contaminated packaging:
Uncontaminated packaging can be re-used.
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. Transport information

Domestic transport:

Not classified as a dangerous good under transport regulations

Sea transport
IMDG

Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory information

Regulations of the European union (Labelling)

Directive 1999/45/EC ('Preparation Directive'):

Hazard symbol(s)	
Xi	Irritant.
R-phrase(s)	
R36/37/38	Irritating to eyes, respiratory system and skin.
S-phrase(s)	
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.

Other regulations

16. Other information

This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 2:

C	Corrosive.
20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
34	Causes burns.

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.