

Safety Data Sheet According to Regulation (EC) No 1907/2006, Annex II, Amended by COMMISSION REGULATION (EU) 2015/830, According to REGULATION (EC) No 1272/2008 polyacrylamide(acrylic acid polymer) Version 1.0 Issue date: 01-03-2023 Revision date: 01-03-2023

SDS Record Number: CSSS-TCO-010-127955

Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: Identification on the label/Trade name:

polyacrylamide(acrylic acid polymer)

Additional identification:

Not available

Identification of the product:

CAS# 9003-05-8; EC# N/A

Index Number:

Not available

REACH registration No.:

Not available

1.2 Relevant identified uses of the substance or mixture and uses advised against:

1.2.1 Identified uses: Oilfield 1.2.2 Uses advised against: Not available.

1.3 Details of the supplier of the safety data sheet: Supplier(Only representative):

-

Supplier(Manufacturer):

Henan Dingxinda Import & Export Co.

Address:

3701 HuaRun Building, Erqi District, Zhengzhou City, Henan Province, China

Contact person(E-mail):

info@hndxd.com

Telephone:

86-18616933658

1.4 Emergency telephone Number: +86-18616933658 (Only available during office hours (9:00a.m.-17:30p.m.) Available outside office hours?

YES

NO

X

Section 2 Hazards Identification 2.1 Classification of the substance or mixture:  
2.1.1 Classification: According to REGULATION (EC) No 1272/2008, based on available data, the classification criteria are not met: REGULATION (EC) No 1272/2008 Hazard classes/Hazard categories

Hazard codes

Not classified

N/A

2.2 label elements: Hazard Pictograms:

No hazard pictogram is used.

Signal Word(S):

No signal word is used.

Hazard Statement:

Not applicable.

Precautionary statement:

Not applicable.

2.3 Other hazards: Not available. Product name: polyacrylamide(acrylic acid polymer) Version #: 1.0 Issue date: 07-06-2018. Revision date: 07-06-2018.

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Section 3 Composition/information on ingredients Substance

Substance/Mixture: Ingredient(s): Chemical Name

Registration No.

CAS No.

EC No.

Concentration

polyacrylamide

N/A

9003-05-8

N/A

90%

Water

N/A

7732-18-5

231-791-2

10%

Section 4 First aid measures 4.1 Description of first aid measures: In all cases of doubt, or when symptoms persist, seek medical attention. 4.1.1 In case of inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. 4.1.2 In case of skin contact: Wash off with soap and plenty of water. 4.1.3 In case of eyes contact: Flush eyes with water as a precaution. 4.1.4 In case of ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed: The product is not classified as harmful to human health effect.

4.3 Indication of any immediate medical attention and special treatment needed: If skin irritation or rash occurs, get medical advice/attention.

Section 5 Firefighting measures 5.1 Extinguishing media: Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media:

Not available.

5.2 Special hazards arising from the substance or mixture 5.3 Advice for firefighters:

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx) Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures: 6.1.1 For non-emergency personnel:

Avoid dust formation.

6.1.2 For emergency responders:

Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

6.2 Environmental Precautions:

Do not let large amount of product enter drains.

6.3 Methods and material for Containment and Cleaning up: 6.4 Reference to other sections:

Sweep up and shovel. Keep in suitable, closed and properly labelled containers for disposal. See Section 7 for information on safe handling. See Section 8 for

information on personal protection equipment. See Section 13 for information on disposal.

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Section 7 Handling and storage 7.1 Precautions for safe handling: 7.1.1 Protective measures:

Provide appropriate exhaust ventilation at places where dust is formed.

7.1.2 Advice on general occupational

Do not eat, drink and smoke in work areas. Wash hands after use. Remove hygiene:

7.2 Conditions for safe storage, including any incompatibilities: 7.3 Specific end use(s):

contaminated clothing and protective equipment before entering eating areas. Keep container tightly closed in a dry and well-ventilated place. Not applicable.

Section 8 Exposure Controls/Personal Protection 8.1 Control parameters: 8.1.1 Occupational exposure limits:

Not available.

8.1.2 Additional exposure limits under the

Not available.

conditions of use: 8.1.3 DNEL/DMEL and PNEC-Values:

Not available.

8.2 Exposure controls: 8.2.1 Appropriate engineering controls:

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

If user operations generate dust, fumes or mist, use ventilation

to keep exposure to airborne contaminants below the exposure limit. 8.2.2 Individual protection measures, such as personal protective equipment: Eye/face protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hand protection:

Handle with gloves.

Body protection:

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection:

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards: 8.2.3 Environmental exposure controls:

Wear suitable protective clothing to prevent heat. Avoid discharge into the environment. According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties 9.1 Information on basic physical and chemical properties: Appearance:

Particles

Colour:

White

Odour:

Tasteless

Odour threshold:

Not available

pH:

Not available

Melting point/range (°C):

Not available

Boiling point/range (°C):

Not available

Flash point (°C):

Not available

Evaporation rate:

Not available

Flammability limit - lower (%):

Not available

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Flammability (solid, gas): Ignition temperature (°C):

Not available

Upper/lower explosive limits:

Not available

Vapour pressure (20°C):

Not available

Vapour density:

Not available 0.750 g/cm<sup>3</sup>

Density: 3

Bulk density (kg/m<sup>3</sup>):

Not available

Water solubility (g/l):

Not available

n-Octanol/Water (log Po/w):

Not available

Auto-ignition temperature:

Not available

Decomposition temperature:

Not available

Viscosity, dynamic (mPa.s):

Not available

Explosive properties:

Not available

Oxidising properties:

Not available

Molecular Formula:

Not available

Molecular Weight:

Not available

9.2. Other information: Fat solubility(solvent-oil to be specified)

Not available

etc: Surface tension:

Not available

Dissociation constant in water( pKa):

Not available

Oxidation-reduction Potential:

Not available

Section 10 Stability and reactivity 10.1 Reactivity: 10.2 Chemical stability:

The substance is stable under normal storage and handling conditions. Stable at room temperature in closed containers under normal storage and handling conditions.

10.3 Possibility of hazardous reactions: 10.4 Conditions to avoid: 10.5 Incompatible materials: 10.6 Hazardous decomposition products:

No dangerous reactions known. Incompatible materials. Strong oxidizing agents. Carbon oxides, nitrogen oxides (NOx).

Section 11 Toxicological information 11.1 Information on toxicological effects: Acute toxicity: LD50(Oral, Rat):

> 1000 mg/kg

LD50(Dermal, Rabbit):

Not available

LC50(Inhalation, Rat):

Not available

Skin corrosion/Irritation:

Not classified

Serious eye damage/irritation:

Not classified

Respiratory or skin sensitization:

Not classified

Germ cell mutagenicity:

Not classified

Carcinogenicity:

Not classified

Reproductive toxicity:

Not classified

STOT- single exposure:

Not classified

STOT-repeated exposure:

Not classified

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Not classified

Aspiration hazard:

Section 12 Ecological information 12.1 Toxicity: Acute (short-term) toxicity: LC50(96h, Fish):

Not available.

LC50(48h, Crustacea):

Not available.

EC50(72h, Algae/aquatic plants):

Not available

Chronic (long-term) toxicity: NOEC(Fish):

Not available.

NOEC(Crustacea):

Not available.

EC50(Algae/aquatic plants):

Not available.

12.2 Persistence and degradability:

Not available.

12.3 Bioaccumulative potential:

Not available.

12.4 Mobility in soil:



Not available.

12.5 Results of PBT and vPvB assessment:

Not available.

12.6 Other adverse effects:

Not available.

Section 13 Disposal considerations 13.1 Waste treatment methods:

Any disposal practice must be in compliance with all local and national laws and regulations. Do not dump into any sewers, on the ground, or into any body of water.

Section 14 Transport information Land transport

Inland waterways

Sea transport

Air transport

(ADR/RID)

(ADN)

(IMDG)

(ICAO/IATA)

UN number

Not regulated

Not regulated

Not regulated

Not regulated

UN Proper shipping name

Not regulated

Not regulated

Not regulated

Not regulated

Transport hazard Class(es)

Not regulated

Not regulated

Not regulated

Not regulated

Packing group

Not regulated

Not regulated

Not regulated

Not regulated

Environmental hazards

No

No

No

No

Special precautions for user

See section 2.2

See section 2.2

See section 2.2

See section 2.2

Not regulated

Not regulated

Not regulated

Not regulated

Transport in bulk according to Annex II of Marpol and the IBC Code

Section 15 Regulatory information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: Relevant information regarding authorization:

Not applicable.

Relevant information regarding restriction:

Not applicable.

Other EU regulations:

Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

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Other National regulations:

Not applicable

15.2 Chemical safety assessment

YES

NO

X

Section 16 Other information 16.1 Indication of changes: Version 1.0

Amended by (EU) 2015/830

16.2 Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulation for rail International transportation of Dangerous goods ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways IMDG: Code international maritime dangerous goods code ICAO: International Civil Aviation Organization IATA: International Air Transport Association LC50: median lethal concentration EC50: The effective concentration of substance that causes 50% of the maximum response. NOEC: No Observed Effect Concentration DNEL: derived no-effect level PNEC: predicted no-effect concentration

16.3 Key literature references and sources for data ECHA Registered substances data

16.4 Training instructions: Not applicable.

16.5 Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.6 Notice to reader: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. Author: Henan Dingxinda Import & Export Co.

Website:www.dxdpam.com

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