



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Substance name: Partially Neutralized Polyacrylate
CAS No.: 9033-79-8
Product code: **TekLeu@PNPa 700**
REACH Registration No.: Irrelevant as pharmaceutical excipient

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

Relevant identified uses: Thickener.
Uses advised against: Not identified
Reason why uses advised against: Not identified

1.3 Details of the Supplier of the safety data sheet

1.3.1 Details of the supplier of the safety data sheet:

Manufacturer/Supplier: Libertia Performance Chemicals Co., Ltd
Address: Creative Campus | Alfred-Nobel-Strasse 10 | 40789 Monheim am Rhein | Germany
Telephone number: 0086 138 18547689

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Physical state: Solid.
OSHA regulatory status: This material is not considered hazardous by the OSHA Hazard Communication Standard, OSHA

2.2 Potential health effects

Routes of exposure: Eye contact. Ingestion. Inhalation. Skin contact.
Eyes: Dust may irritate the eyes
Skin: No adverse effects due to skin contact are expected.
Inhalation: Dust may irritate the respiratory system.
Ingestion: Expected to be a low ingestion hazard.
Chronic effects: None known.
Signs and symptoms: Dust may irritate the eyes and the respiratory system.
Potential environmental effects: Not expected to be harmful to aquatic organisms.

SECTION 3: Composition/information on ingredients

Product identifier type in accordance	Identification number	name Weight % content (or range)	EC Number	CL/ M-factor/ATE
Partially neutralized polyacrylate	9033-79-8	>90	n/a	n/a
Composition comments	All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.			

SECTION 4: First aid measures

4.1 First aid procedures

Eye contact: Rinse with plenty of water. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Skin contact: Flush skin thoroughly with water. Get medical attention if irritation develops and persists.
Inhalation: Move injured person into fresh air and keep person calm under observation. Get medical attention if any discomfort continues.
Ingestion: Rinse mouth thoroughly. Only induce vomiting at the instruction of medical personnel. Get medical attention if irritation develops and persists.

4.2 Notes to physician

4.3 General advice

Treat symptomatically.
First aid personnel must be aware of own risk during rescue.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media: None.

5.2 Protection of firefighters

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.
Protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Selection of respiratory protection for firefighting: follow the general fire precautions
Use standard firefighting procedures and consider the hazards of other involved

5.3 Specific methods

SECTION 6: Accidental release measures

6.1 Personal precautions

Ensure adequate ventilation. Avoid inhalation of dust and contact with skin and eyes.
Wear suitable protective clothing. Material can be slippery when wet. See Section 8 of the

6.2 Environmental precautions	Avoid discharge into drains or watercourses or onto the ground.
6.3 Methods and material for containment and cleaning up	Avoid dust formation. Collect dust using a vacuum cleaner equipped with HEPA filter. For waste disposal, see Section 13 of the MSDS.
6.4 Other information	Clean up in accordance with all applicable regulations.

SECTION 7: Handling and storage

7.1 Handling	Local exhaust is recommended. Use work methods which minimize dust production. Avoid inhalation of dust and contact with skin and eyes. Keep the workplace clean. Observe good industrial hygiene practices.
7.2 Storage	Store in a dry place. Protect from moisture.

SECTION 8: Exposure controls/personal protection

8.1 Occupational exposure limits	No exposure limits noted for ingredient(s).
8.2 Exposure controls	Provide adequate ventilation.
8.3 Personal protective equipment	
Eye/face protection	Wear dust-resistant safety goggles where there is danger of eye contact.
Skin protection	Wear appropriate clothing to prevent repeated or prolonged skin contact. Risk of contact: Wear protective gloves.
Respiratory protection	In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particulate filter.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Color	White. Pale yellow.
Odor	Not available.
Odor threshold	Not available.
Physical state	Solid.
Form	Powder.
pH	5.5 - 8 (0.2 % aqueous)
Melting point/freezing point	Not available.
Boiling point	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not available.
Flammability limits in air- lower(%) by volume	Not available.
Flammability limits in air - upper(%) by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	Not available.
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

SECTION 10: Chemical Stability & Reactivity Information

10.1 Chemical stability	Material is stable under normal conditions.
10.2 Possibility of hazardous reactions	Will not occur.
10.3 Conditions to avoid	The substance is hygroscopic and will absorb water by contact with the moisture in the
10.4 Incompatible materials	This product reacts with acids.
10.5 Hazardous decomposition products	Carbon oxides.

SECTION 11: Toxicological information

11.1 Toxicological data

Product	Test Results
Partially Neutralized Polyacrylate	Acute Dermal LD50 Rat: > 5000 mg/kg Acute Oral LD50 Rat: > 2000 mg/kg

11.2 Information on toxicological effects

Acute effects	May cause discomfort if swallowed.
Local effects	Dust may irritate the eyes and the respiratory system.
Sensitization	Not a skin sensitizer.
Chronic effects	Frequent inhalation of dust over a long period of time may increase the risk of developing
Carcinogenicity	None known.
Mutagenicity	Mutation in microorganisms (Salmonella typhimurium and E coli): Negative.
Reproductive effects	None known.

SECTION 12: Ecological information

12.1 Ecotoxicity

Environmental effects	The product is not expected to be hazardous to the environment.
Persistence and degradability	An environmental hazard cannot be excluded in the event of unprofessional handling or
Bioaccumulation/Accumulation	The product is not biodegradable.
Partition coefficient (n-octanol/water)	None known.
Mobility in environmental media	Not available

SECTION 13: Disposal considerations

13.1 Waste codes	Not regulated.
13.2 Waste from residues / unused products	Dispose of in accordance with local regulations.

13.3 Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: Transport Information

The product is not covered by international regulations on the transport of dangerous goods (DOT, IATA, IMDG/TDG).

SECTION 15: Regulatory information

15.1 CERCLA (Superfund) reportable quantity(lbs)

None

15.2 Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

Section 302 extremely hazardous substance

No

Section 311 hazardous chemical

No

15.3 Drug Enforcement Agency (DEA)

Not controlled

15.4 WHMIS status

Non-controlled

SECTION 16: Other information, including date of preparation or last revision

Disclaimer

Our company Libertia Performance Chemicals Co., Ltd provides this MSDS sheet in good faith but makes no representation as to its comprehensiveness or accuracy. This SDS sheet is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. The above information has been compiled from various sources and has the possibility of discrepancy and being out-dated information. Individuals receiving the information must exercise their independent judgment and do further search in determining its appropriateness for a particular purpose. In no case shall our company be liable to loss or damages by the product user.