

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : PAGEL  
(c-Pagel e-Pagel c-Pagel HR e-Pagel HR c-Pagel Neo)

Product Code : AE-6000  
(c-Pagel : C\*\*\*L CD\*\*\*L C\*\*\*S)  
(e-Pagel : E\*\*\*L E\*\*\*S)  
(c-Pagel HR : CHR\*\*\*L CHR\*\*\*L)  
(e-Pagel HR : EHR\*\*\*L EHR\*\*\*L)  
(c-Pagel Neo : CN\*\*\*L)

SDS No. : A0011-1

General Use : Research use only

MANUFACTURER

Company Name : ATTO Corporation  
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: +81-3-5827-4863

### 2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION : Not classified.

PICTOGRAM : -

HAZARD STATEMENTS : -

PRECAUTIONARY STATEMENTS : -

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

#### Mixture

Chemical Name	wt(%)	Chemical Formula	CAS No.
Polyacrylamide gel	20% >	(C <sub>3</sub> H <sub>5</sub> NO) <sub>n</sub>	9003-05-8

### 4. FIRST AID MEASURES

GENERAL ADVICE : Wash off immediately with soap and plenty of water. In the case of respirable dust and/or fumes, use self-contained

breathing apparatus and dust impervious protective suit.

Use personal protective equipment.

**INHALATION :** Move victim to fresh air. If breathing is difficult, give oxygen. If irritation persists, consult a physician.

**SKIN CONTACT :** Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.

**EYE CONTACT :** Remove any contact lenses at once. Flush eyes well with a large amount of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.

**INGESTION :** Rinse mouth, give plenty of water to dilute the substance. Never give anything by mouth to an unconscious person. Consult a physician.

## **5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES :** Not flammable

**EXTINGUISHING MEDIA :** Carbon dioxide, dry chemical, foam water.

**FIRE & EXPLOSION HAZARDS :** Toxic, irritating dust or smoke may be emitted.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS**

: Firemen should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

## **6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**

: Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising dust and avoid contact with skin and eyes.

**ENVIRONMENTAL PRECAUTIONS**

: Prevent spills from entering sewers, watercourses or low areas.

**METHODS FOR CLEANING UP**

: Do not touch spilled material without suitable protection (See section 8). After material is completely picked up, wash the spill site with soap and water and ventilate the area. Put all wastes

in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose of contaminated clothing.

## **7. HANDLING AND STORAGE**

### PRECAUTION FOR SAFE HANDLING

- : Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Handle material with suitable protection.

### CONDITIONS FOR SAFE STORAGE

- : Store away from sunlight in a cool( 5-10 °C= 41-50 °F ) well-ventilated dry place. Keep container tightly closed. Do not freeze.

INCOMPATIBILITIES : Not available

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### ENGINEERING MEASURES

- : Use exhaust ventilation to keep airborne concentrations below exposure limits. Use only with adequate ventilation.

VENTILATION : Local Exhaust ; Necessary,  
Mechanical(General) ; Recommended

### INDIVIDUAL PROTECTION MEASURES ;

Respiratory protection : Use a NIOSH/MSHA or European Standard EN149 approved respirator if the vapor concentrations exceed regulatory guidelines.

Hand protection : Chemical resistant gloves

Eye protection : Safety glasses(goggles)

Skin protection : Protective clothing

### CONTROL PARAMETER

OSHA Final Limits : None established

ACGIH TLV(s) : None established

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Gel plate

Odor : Odorless

pH : Not available

Boiling Point / Boiling Range  
: Not available

Melting Point / Melting Range  
: Not available

## Decomposition Temperature

: Not available

Flash Point : Not available

## Auto Ignition Temperature

: Not available

Flammability : Not flammable

Explosive Properties : Not available

Oxidizing Properties : Not available

Vapor Pressure : Not available

Relative Density : Not available

Solubility : Not available

Partition Coefficient(n-octanol /water)

: Not available

Viscosity : Not available

Vapor Density : Not available

Evaporation Rate : Not available

**10. STABILITY AND REACTIVITY**

## CONDITIONS TO AVOID

: Sunlight, heat, moisture

STABILITY : Stable for one year at cold storage

## MATERIALS TO AVOID

: Oxidizers, alkalis, Strong Acids

## HAZARDOUS REACTIONS / DECOMPOSITION PRODUCTS

: Carbon monoxide, Nitrogen oxide,

**11. TOXICOLOGICAL INFORMATION**

Acute Toxicity : LD50/oral/rat = &gt; 1 g/kg Oral LD50 Rat

LD50/oral/mouse = 12950 mg/kg

Other LD50 or LC50 information = 11250 mg/kg Oral LD50 Rabbit

TOXICITY DATA : Not available

SKIN CORROSION/IRRITATION : Not available

EYE DAMAGE/EYE IRRITATION : Not available

RESPIRATORY OR SKIN SENSITIZATION : Not available

GERM CELL MUTAGENICITY : Not available

TOXIC TO REPRODUCTION : Not available

STOST-SINGLE EXPOSURE : Not available

STOST-REPEATED EXPOSURE : Not available

ASPIRATION TOXICITY : Not available

CARCINOGENICITY : Not available

ADDITIONAL INFORMATION ;

NTP : Not listed

IARC : Not listed

OSHA : Not listed

ACGIH : Not listed

## **12. ECOLOGICAL INFORMATION**

ECOTOXICITY : Not available

MOBILITY : Not available

PERSISTANCE AND BIODEGRADABILITY

: Not available

BIOACCUMULATIVE POTENYIAL

: Not available

OTHER ADVERSE EFFECTS

: Not available

## **13. DISPOSAL CONSIDERATIONS**

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations ( contact country, local or state environmental agency for specific rules ).

After contents are completely removed, dispose of its container in accordance with local/regional/national/international regulation.

## **14. TRANSPORT INFORMATION**

UN number

ADR/RID : -

IMDG : -

IATA : -

Transport hazard class

ADR/RID : -

IMDG : -

IATA : -

Environmental hazards

ADR/RID : no

IMDG Marine pollutant: no

IATA : no

DOT (Department of Transportation): Not a Hazardous Material for DOT shipping.

**15. REGULATORY INFORMATION**

US REGULATIONS ;

EPA : CERCLA RQ=Not listed

EPCRA TPQ=Not listed

OSHA; TQ = Not listed

EU REGULATIONS:

Labelling according to EC Directives: Not required.

**16. OTHER INFORMATIONS**

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