

<b>MATERIAL SAFETY DATA SHEET</b> According to regulation (EU)no.1907/2006		
<b>SOLVENT CNBM 334 (P-334)</b>		
Revision : 00	Date : July 6 <sup>th</sup> , 2023	MSDS Number : 099



### Section 1 - Chemical Product and Company Identification

- 1.1 Product Name** : SOLVENT CNBM 334 (P-334)  
**Synonyms** : -  
**CAS No.** : Mixture  
**HS Code** : -  
**Molecular Weight** : Not available  
**Chemical Formula** : Not available  
**Brand** : PANCASAKTI  
**1.2 Manufacturer** : PT. Pancasakti Putra Kencana  
**Address** : Ruko Boulevard TamanTekno Blok E No.10 -11BSD SektorXI  
 Serpong, Tangerang - Indonesia  
**Website** : [www.pancasakti.co.id](http://www.pancasakti.co.id)  
**Email** : sales@pancasakti.co.id  
**For information** : Telp: +62-21- 7588 0205(Hunting) , fax:+62-21-7588 0198  
**1.3 Application** : Industrial solvent  
**Emergency Telephone:** +62-21-7588 0205(Hunting)

### Section 2 - Hazards Identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

Flammable liquids (Category 2), H225

Eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336

For the full text of the H-Statements mentioned in this Section, see Section 16

#### 2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word

Danger

Hazard statement(s)

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

Precautionary statement(s)

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370 + P378


In case of fire: Use dry powder or dry sand to extinguish.

P403 + P235

Store in a well-ventilated place. Keep cool.

Supplemental Hazard Statements

none

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<b>SOLVENT CNBM 334 (P-334)</b> 		
Revision : 00	Date : July 6 <sup>th</sup> , 2023	MSDS Number : 099

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## Section 3 - Composition, Information on Ingredients

### 3.1 Substances

#### Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Acetone CAS : 67-64-1	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3; H225, H319, H336 Concentration limits: $\geq 20\%$ : STOT SE 3, H336;	60 – 70
Methyl Ethyl Ketone CAS : 78-93-3	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3; H225, H319, H336 Concentration limits: 20 %: 6.9 3, H336;	30 – 40

For the full text of the H-Statements mentioned in this Section, see Section 16.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

#### Notes to physician

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

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## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Dry powder Dry sand

#### Unsuitable extinguishing media

Do NOT use water jet.

### 5.2 Special hazards arising from the substance or mixture

Carbon oxides

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

### 5.4 Further information

Use water spray to cool unopened containers.

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

For disposal see section 13.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place. Storage class (TRGS 510): 3: Flammable liquids

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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<b>SOLVENT CNBM 334 (P-334)</b>		
Revision : 00	Date : July 6 <sup>th</sup> , 2023	MSDS Number : 099



## Section 8 - Exposure Controls, Personal Protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### Appropriat engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

#### Personal protective equipment

##### Eye/face protection

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

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### Full contact

Material: butyl-rubber  
 Minimum layer thickness: 0.3 mm  
 Break through time: 480 min  
 Material tested:Butoject®

##### Splash contact

Material: Nature latex/chloroprene  
 Minimum layer thickness: 0.6 mm  
 Break through time: 30 min  
 Material tested:Lapren®

##### Body Protection

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains


## Section 9 - Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance

Form: liquid

Colour: colourless

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Odour	No data available
Odour Threshold	No data available
pH	above 7
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	about 0.875
Water solubility	No data available
Partition coefficient: noctanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

## 9.2 Other safety information

No data available

## Section 10 - Stability and Reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Heat, flames and sparks.

### 10.5 Incompatible materials

Oxidizing agents, Strong reducing agents

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides  
In the event of fire: see section 5

## Section 11 - Toxicological Information


### 11.1 Information on toxicological effects

#### Acute toxicity

LD50 Oral - Rat - 2.737 mg/kg LC50 Inhalation - Mouse - 4 h - 32.000 mg/m3

LC50 Inhalation - Mammal - 38.000 mg/m3

LD50 Dermal - Rabbit - 6.480 mg/kg

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<b>SOLVENT CNBM 334 (P-334)</b> 		
Revision : 00	Date : July 6 <sup>th</sup> , 2023	MSDS Number : 099

**Skin corrosion/irritation**

Skin - Rabbit

Result: No skin irritation (OECD Test Guideline 404)

**Serious eye damage/eye irritation**

Eyes - Rabbit

Result: Irritating to eyes. (OECD Test Guideline 405)

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

May cause drowsiness or dizziness.

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: Not available

Central nervous system depression, Gastrointestinal disturbance, narcosis Liver - Irregularities - Based on Human Evidence

## Section 12 - Ecological Information

**12.1 Toxicity**

Toxicity to fish

mortality NOEC - Cyprinodon variegatus (sheepshead minnow) - 400 mg/l - 96 h(Ethyl methyl ketone)

LC50 - Pimephales promelas (fathead minnow) - 3.130 - 3.320 mg/l - 96 h(Ethyl methyl ketone)

Toxicity to daphnia and other aquatic invertebrates

LC50 - Daphnia magna (Water flea) - &gt; 520 mg/l - 48 h(Ethyl methyl ketone)

EC50 - Daphnia magna (Water flea) - 7.060 mg/l - 24 h(Ethyl methyl ketone)

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available(Ethyl methyl ketone)

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<b>SOLVENT CNBM 334 (P-334)</b>		
Revision : 00	Date : July 6 <sup>th</sup> , 2023	MSDS Number : 099



### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

No data available.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

#### Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

#### Contaminated packaging

Dispose of as unused product.

## Section 14 - Transport Information

### 14.1 UN number

ADR/RID: 1993

IMDG: 1993

IATA: 1993

### 14.2 UN proper shipping name

ADR/RID: FLAMMABLE LIQUID

IMDG: FLAMMABLE LIQUID

IATA: FLAMMABLE LIQUID

### 14.3 Transport hazard class(es)

ADR/RID: 3

IMDG: 3

IATA: 3

### 14.4 Packaging group

ADR/RID: II

IMDG: II

IATA: II

### 14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

### 14.6 Special precautions for user

No data available

## Section 15 - Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.


### 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

## Section 16 - Additional Information

### Full text of H-Statements referred to under sections 2 and 3.

EUH066 Repeated exposure may cause skin dryness or cracking.  
 H225 Highly flammable liquid and vapour.

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H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness

**Revision history :**

Date	Rev	Description
July 6, 2023	00	-

**Further information**

*The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. PT. Pancasakti Putra Kencana Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.*