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2. Acetaminophen/caffeine/magnesium salicylate

Acetaminophen, caffeine, and magnesium salicylate

Generic name: acetaminophen, caffeine, and magnesium salicylate [*ah-seet-oh-MIN-oh-fen, KAF-een, mag-NEEZ-ee-um-sa-LIS-il-ate*]

Brand name: KneeRelief

Dosage form: oral tablet (250 mg-32.5 mg-310 mg)

Drug class: [Analgesic combinations](#)



[Medically reviewed](#) by Drugs.com on Jan 10, 2025. Written by [Cerner Multum](#).

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What is acetaminophen, caffeine, and magnesium salicylate?

[Acetaminophen](#) is a pain reliever and a fever reducer.

Caffeine is used in this product to increase the pain relieving effects of acetaminophen.

[Magnesium salicylate](#) is used to reduce pain, inflammation, and fever.

Acetaminophen, caffeine, and magnesium salicylate is a combination medicine used to treat pain and swelling from conditions such as muscle aches and [back pain](#).

Acetaminophen, caffeine, and magnesium salicylate may also be used for purposes not listed in this medication guide.

acetaminophen, caffeine, and magnesium salicylate side effects

Get emergency medical help if you have **signs of an allergic reaction**: hives; difficult breathing; swelling of your face, lips, tongue, or throat.

In rare cases, acetaminophen may cause a severe skin reaction that can be fatal. This could occur even if you have taken acetaminophen in the past and had no reaction. **Stop taking this medicine and call your doctor right away if you have skin redness or a rash that spreads and causes blistering and peeling.** If you have this type of reaction, you should never again take any medicine that contains acetaminophen.

This medicine may cause serious side effects. Stop using this medicine and call your doctor at once if you have:

- nausea, upper stomach pain, loss of appetite;
- itching, dark urine, clay-colored stools; or
- jaundice (yellowing of the skin or eyes).

Less serious side effects may be more likely, and you may have none at all.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

 [Acetaminophen / caffeine / magnesium salicylate side effects](#) (more detail)

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Warnings

Do not give this medication to a child younger than 12 years with a fever, flu symptoms, or chicken pox. **Salicylates can cause Reye's syndrome, a serious and sometimes fatal condition in children.**

Do not take more of this medication than is recommended. **An overdose of acetaminophen can damage your liver or cause death.** Call your doctor at once if you have nausea, pain in your upper stomach, itching, loss of appetite, dark urine, clay-colored stools, or jaundice (yellowing of your skin or eyes).

In rare cases, acetaminophen may cause a severe skin reaction. **Stop taking this medicine and call your doctor right away if you have skin redness or a rash that spreads and causes blistering and peeling.**

Before taking this medicine

You should not use acetaminophen, caffeine, and magnesium salicylate if you are allergic to it.

Do not give this medication to a child younger than 12 years with a fever, flu symptoms, or chicken pox. **Salicylates can cause Reye's syndrome, a serious and sometimes fatal condition in children.**

Tell your doctor if you have ever had:

- [liver disease](#), [cirrhosis](#), a history of [alcoholism](#), or if you drink more than 3 alcoholic beverages per day;
- kidney disease;
- [heartburn](#);
- [stomach ulcer](#) or bleeding;
- [high blood pressure](#); or
- heart problems.

Your doctor will determine whether acetaminophen, caffeine, and magnesium salicylate is safe for you to use during pregnancy. **Do not use this medicine without the advice of your doctor if you are pregnant.**

This medicine can pass into breast milk and may harm a nursing baby. Do not use this medication without telling your doctor if you are breastfeeding a baby.

Do not give this medicine to a child younger than 12 years without medical advice.

How should I take acetaminophen, caffeine, and magnesium salicylate?

Use exactly as directed on the label, or as prescribed by your doctor.

Do not use more of this medication than is recommended. **An overdose of acetaminophen can damage your liver or cause death.**

Stop using acetaminophen, caffeine, and magnesium salicylate and call your doctor if:

- you still have a fever after 3 days of use;
- you still have pain after 10 days of use;
- you have ringing in your ears or loss of hearing occurs;
- you have bloody or tarry stools, coughing up blood or vomit that looks like coffee grounds;
- you feel faint;
- you have any redness or swelling; or
- your symptoms get worse, or if you have any new symptoms.

Store at room temperature away from moisture and heat.

What happens if I miss a dose?

Since acetaminophen, caffeine, and magnesium salicylate is used when needed, you may not be on a dosing schedule. If you are on a schedule, use the missed dose as soon as you remember. Skip the missed dose if it is almost time for your next scheduled dose. **Do not** use extra medicine to make up the missed dose.

What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222. **An overdose of acetaminophen can damage your liver or cause death.**

The first signs of an [acetaminophen overdose](#) include loss of appetite, nausea, vomiting, stomach pain, sweating, and confusion or weakness. Later symptoms may include pain in your upper stomach, dark urine, and yellowing of your skin or the whites of your eyes.

Overdose symptoms also may include ringing in your ears, confusion, [agitation](#), hallucinations, or seizure (convulsions).

What should I avoid while taking acetaminophen, caffeine, and magnesium salicylate?

Avoid drinking alcohol. It may increase your risk of liver damage while taking acetaminophen.

Ask a doctor or pharmacist before using any other pain, cold, allergy, or sleep medication. Acetaminophen (sometimes abbreviated as APAP) is contained in many combination medicines. **Taking certain products together can cause you to get too much acetaminophen which can lead to a fatal overdose.** Check the label to see if a medicine contains acetaminophen or APAP.

What other drugs will affect acetaminophen, caffeine, and magnesium salicylate?

Ask a doctor or pharmacist before using acetaminophen, caffeine, and magnesium salicylate with any other medicines, especially:

- pain or [arthritis](#) medicines;

- diabetes medications;
- gout medication;
- **a blood thinner**--warfarin, Coumadin, Jantoven; or
- **NSAIDs (nonsteroidal anti-inflammatory drugs)**--aspirin, [ibuprofen](#) (Advil, Motrin), naproxen (Aleve), [celecoxib](#), [diclofenac](#), [indomethacin](#), [meloxicam](#), and others;

This list is not complete. Other drugs may affect acetaminophen, caffeine, and magnesium salicylate, including prescription and over-the-counter medicines, vitamins, and [herbal products](#). Not all possible [drug interactions](#) are listed here.

 [Acetaminophen / caffeine / magnesium salicylate drug interactions](#) (more detail)

Does acetaminophen/caffeine/magnesium salicylate interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

+

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Related treatment guides

- [Muscle Pain](#)

Further information

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

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Magnesium 101

Explore how magnesium supports sleep, mood, muscle recovery, and heart health.

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DRUG STATUS

Availability	
OTC	Over the counter
CSA Schedule*	
N/A	Not a controlled drug



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