PATIENT & CAREGIVER EDUCATION

Methyl Salicylate and Menthol

This information from UpToDate® Lexidrug™ explains what you need to know about this medication, including what it's used for, how to take it, its side effects, and when to call your healthcare provider.

Brand Names: US

AMPlify Relief MM [OTC] [DSC]; Analgesic Balm [OTC]; Asperflex [OTC]; BenGay [OTC]; Calypxo HP [OTC]; Capasil [OTC]; Castiva [OTC]; Crysalo [OTC]; Dynarub [OTC]; Exigence [OTC]; Icy Hot [OTC]; Kwan Loong Pain Relieving [OTC]; Mencylate [OTC]; Muscle Rub [OTC]; Precise [OTC]; Salonpas Arthritis Pain [OTC]; Salonpas Jet Spray [OTC]; Salonpas Massage Foam [OTC]; Salonpas Pain Relief Patch [OTC]; Thera-Gesic Plus [OTC] [DSC]; Thera-Gesic [OTC]; Xoten [OTC]

What is this drug used for?

- It is used to ease muscle and joint aches and pain.

What do I need to tell my doctor BEFORE I take this drug?

- If you are allergic to this drug; any part of this drug; or any other drugs, foods, or substances. Tell your doctor about the allergy and what signs you had.
- If you have an allergy to aspirin or nonsteroidal anti-inflammatory drugs (NSAIDs) like ibuprofen or naproxen.
- If you are taking any other NSAID.
- If you are taking a salicylate drug like aspirin.
- If you are pregnant, plan to become pregnant, or get pregnant while taking this drug. This drug may cause harm to an unborn baby if taken at 20 weeks or later in pregnancy. If you are between 20 to 30 weeks of pregnancy, only take this drug if your doctor has told you to. Do not take this drug if you are more than 30 weeks pregnant.

This is not a list of all drugs or health problems that interact with this drug.

Tell your doctor and pharmacist about all of your drugs (prescription or OTC, natural products, vitamins) and health problems. You must check to make sure that it is safe for you to take this drug with all of your drugs and health problems. Do not start, stop, or change the dose of

any drug without checking with your doctor.

What are some things I need to know or do while I take this drug?

All products:

- Tell all of your health care providers that you take this drug. This includes your doctors, nurses, pharmacists, and dentists.
- Avoid using a heating pad or other heating devices on the treated area.
- If you are taking aspirin to help prevent a heart attack, talk with your doctor.
- This drug may raise the risk of heart and blood vessel problems like heart attack and stroke. These effects can be deadly. The risk may be greater if you have heart disease or risks for heart disease. However, it can also be raised even if you do not have heart disease or risks for heart disease. The risk can happen within the first weeks of using this drug and may be greater with higher doses or long-term use. Do not use this drug right before or after bypass heart surgery.
- This drug may raise the chance of severe and sometimes deadly stomach or bowel problems like ulcers or bleeding. The risk is greater in older people, and in people who have had stomach or bowel ulcers or

bleeding before. These problems may occur without warning signs.

- Talk with your doctor before you drink alcohol.
- If you are 60 or older, use this drug with care. You could have more side effects.
- Tell your doctor if you are breast-feeding. You will need to talk about any risks to your baby.

Cream, lotion, or ointment:

- Use care when using on a large part of the skin. Talk with the doctor.
- This drug may cause harm if swallowed. If this drug is swallowed, call a doctor or poison control center right away.
- Do not give this drug to a child younger than 12 years old without first checking with the doctor.

Patch:

- This drug may cause harm if chewed or swallowed. If this drug has been put in the mouth, call a doctor or poison control center right away.
- Do not give to a child younger than 18 years of age.

What are some side effects that I need to call my doctor about right away?

WARNING/CAUTION: Even though it may be rare, some people may have very bad and sometimes deadly side effects when taking a drug. Tell your doctor or get medical help right away if you have any of the following signs or symptoms that may be related to a very bad side effect:

- Signs of an allergic reaction, like rash; hives; itching; red, swollen, blistered, or peeling skin with or without fever; wheezing; tightness in the chest or throat; trouble breathing, swallowing, or talking; unusual hoarseness; or swelling of the mouth, face, lips, tongue, or throat.
- Skin irritation.
- Redness.
- Severe stomach pain.
- Throwing up blood or throw up that looks like coffee grounds.
- Black, tarry, or bloody stools.
- Very bad dizziness or passing out.
- Chest pain or pressure.
- Weakness on 1 side of the body, trouble speaking or thinking, change in balance, drooping on one side of the face, or blurred eyesight.

What are some other side effects of this drug?

All drugs may cause side effects. However, many people have no side effects or only have minor side effects. Call your doctor or get medical help if any of these side effects or any other side effects bother you or do not go away:

- Burning.

These are not all of the side effects that may occur. If you have questions about side effects, call your doctor. Call your doctor for medical advice about side effects.

You may report side effects to your national health agency.

You may report side effects to the FDA at 1- 800-332-1088. You may also report side effects at https://www.fda.gov/medwatch.

How is this drug best taken?

Use this drug as ordered by your doctor. Read all information given to you. Follow all instructions closely.

All products:

- Do not take this drug by mouth. Use on your skin only. Keep out of your mouth, nose, and eyes (may burn).
- If you get this drug in any of these areas, rinse well with water.

- Put on clean, dry, healthy skin.
- Do not put on irritated or damaged skin.
- Do not bandage tightly.
- Avoid sunlight on treated area.

Cream, lotion, or ointment:

- Wash your hands before and after use. If your hand is the treated area, do not wash your hand after use.
- Put a thin layer on the affected skin and rub in gently.
- Do not put on right after a shower or bath.

Lotion:

- Shake well before use.

Patch:

- Wash your hands before and after use.
- Do not put this drug on the face.
- Do not put on right before or after doing things like bathing, swimming, sun bathing, or heavy exercise.
- Wear only one patch at a time.
- After you take off a skin patch, be sure to fold the sticky sides of the patch to each other. Throw away used patches where children and pets cannot get to them.

What do I do if I miss a dose?

- If you use this drug on a regular basis, put on a missed dose as soon as you think about it.
- If it is close to the time for your next dose, skip the missed dose and go back to your normal time.
- Do not put on 2 doses at the same time or extra doses.
- Many times this drug is used on an as needed basis. Do not use more often than told by the doctor.

How do I store and/or throw out this drug?
Cream, lotion, or ointment:

- Store at room temperature.

Patch:

- Store in foil pouch at room temperature. Throw away any unused portion of opened pouch after 2 weeks.
- Protect from heat and sunlight.

All products:

- Keep all drugs in a safe place. Keep all drugs out of the reach of children and pets.
- Throw away unused or expired drugs. Do not flush down a toilet or pour down a drain unless you are told to do so. Check with your pharmacist if you have questions

about the best way to throw out drugs. There may be drug take-back programs in your area.

General drug facts

- If your symptoms or health problems do not get better or if they become worse, call your doctor.
- Do not share your drugs with others and do not take anyone else's drugs.
- Some drugs may have another patient information leaflet. If you have any questions about this drug, please talk with your doctor, nurse, pharmacist, or other health care provider.
- Some drugs may have another patient information leaflet. Check with your pharmacist. If you have any questions about this drug, please talk with your doctor, nurse, pharmacist, or other health care provider.
- If you think there has been an overdose, call your poison control center or get medical care right away. Be ready to tell or show what was taken, how much, and when it happened.

Consumer Information Use and Disclaimer

This generalized information is a limited summary of diagnosis, treatment, and/or medication information. It is not meant to be comprehensive and should be used as a

tool to help the user understand and/or assess potential diagnostic and treatment options. It does NOT include all information about conditions, treatments, medications, side effects, or risks that may apply to a specific patient. It is not intended to be medical advice or a substitute for the medical advice, diagnosis, or treatment of a health care provider based on the health care provider's examination and assessment of a patient's specific and unique circumstances. Patients must speak with a health care provider for complete information about their health, medical questions, and treatment options, including any risks or benefits regarding use of medications. This information does not endorse any treatments or medications as safe, effective, or approved for treating a specific patient. UpToDate, Inc. and its affiliates disclaim any warranty or liability relating to this information or the use thereof. The use of this information is governed by the Terms of Use, available at https://www.wolterskluwer.com/en/know/clinical-effectiveness-terms.

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If you have questions or concerns, contact your healthcare provider. A member of your care team will answer Monday through Friday from 9 a.m. to 5 p.m. Outside those hours, you can leave a message or talk with another MSK provider. There is always a doctor or nurse on call. If you're not sure how to reach your healthcare provider, call 212-639-2000.

For more resources, visit www.mskcc.org/pe to search our virtual library.

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