

Helpful Information for Patients

Sucraid®
(sacrosidase) Oral Solution
Information about Sucraid®
can be found at Sucraid.com

Specialty Pharmacy
For drug delivery information,
contact the specialty pharmacy at
Phone: 1-833-800-0122
Fax: 1-866-850-9155

CSID
For information on sucrose
deficiency due to Congenital
Sucrase-Isomaltase Deficiency (CSID)
and Sucraid visit Sucraid.com

For general information, visit
sucraid.com

Getting Started

WEEK 1	- Start by having your child take Sucraid® (sacrosidase) Oral Solution with meals and snacks as prescribed by your healthcare provider. - During the next four weeks, keep a journal of what your child eats and any gastrointestinal (GI) symptoms experienced. - You may continue your child's usual diet or speak with a registered dietitian/nutritionist (RDN) to help plan a diet that is right for your child.
WEEK 2	- If your child's symptoms are better, no further changes are needed. - If your child is still having some GI symptoms, cut back on the amount of starch eaten and monitor GI symptoms for a week. See <i>Foods High in Starch</i> highlighted below. Tip: Limit starch intake to one serving (a quarter to a half cup) per meal or half the amount usually eaten.
WEEK 3	If your child's symptoms are better, you can begin to gradually add some high-starch foods back into your child's diet, to determine the types and amounts of starch your child is able to tolerate per meal and per day. Tip: In general, add only one new food every three days to be sure it is well-tolerated.
WEEK 4	If your child continues to experience any lingering GI symptoms or if your child's symptoms return at any point, contact your child's healthcare provider to review their food intake. Note: If your child is ever without Sucraid®, he/she should avoid foods high in sucrose. See <i>Red Flag Foods</i> below.

Foods High in Starch			
STARCHY VEGETABLES - Beans (black, kidney, lima) - Corn - Peas (black-eyed, green) - Potatoes (white, red, golden)	- Sweet potatoes - Yams WHOLE GRAINS - Brown rice - Bran cereal, oats	- Popcorn - Quinoa - Whole grain bread, cereal, crackers, pasta	REFINED STARCH - Cakes - Cookies - Cereal, granola bars - Chips (corn, potato, tortilla) - Muffins, pastries
			- Pancakes, waffles - Pasta - Refined cereal - Saltine crackers - White bread - White rice

Created with Nutrition Data System for Research® (Regents of the University of Minnesota, 2017). High starch defined as > 2.5 g starch per 100 g food or > 2.5 g starch

Red Flag Foods (Foods High in Sucrose)					
FRUIT - Apples Apricots - Bananas Cantaloupe - Clementine Dates - Grapefruit - Guava - Honeydew melon - Mandarin oranges Mango Nectarine Oranges - Passion fruit Peaches - Persimmon	Pineapple - Plums Tangelos Tangerines - Watermelon VEGETABLES Beets Carrots - Cassava (yuca) Chickpeas (garbanzo beans) Coleslaw - Edamame Green peas - Jicama	- Kidney beans - Lima beans - Okra - Onion Parsnips - Pumpkin - Snow peas - Split peas - Sweet pickles Sweet potatoes, yams DAIRY - Flavored milks containing sucrose (chocolate milk)* - Milk shakes	sweetened with condensed milk, malted milk* - Yogurt* - Yogurt containing fruits from the high-fructose fruits listed above BAKED AND PROCESSED FOODS* Breakfast cereals Granola bars - Muffins - Pancakes, pastries, and waffles - Sweets and	desserts: cake, pie, cookies Candy - Ice cream - Popsicles Pudding Pie - Sherbet - Sorbet Brownies - Chocolate SWEETENERS AND INGREDIENTS Sucrose (table sugar) Brown sugar	Granulated sugar Powdered and raw sugar Beef sugar Cane sugar/syrup Cane juice Coconut sugar Date sugar Maple syrup/sugar Molasses Syrup Jelly, jam
* Sweetened with sucrose. Bold is especially high in sucrose					

Created with Nutrition Data System for Research® (Regents of the University of Minnesota, 2017). High sucrose defined as ≥1 g sucrose per 100 g food

This information is provided for educational purposes only and is not a substitute for talking with your child's doctor. You should consult with your child's healthcare provider if you have questions or concerns about your child's diet and/or the use of Sucraid®.

ADDITIONAL IMPORTANT SAFETY INFORMATION

- Tell your doctor if you are allergic to, have ever had a reaction to, or have ever had difficulty taking yeast, yeast products, papain, or glycerin (glycerol).
 - **Increased Blood Glucose Levels in Patients With Diabetes Mellitus**
Tell your doctor if you have diabetes, as your blood glucose levels may change if you begin taking Sucraid®. Your doctor will tell you if your diet or diabetes medicines need to be changed.
 - **Restricting Starch in Your Diet**
Sucraid® does not break down some sugars that come from the digestion of starch so you may still experience symptoms of CSID while taking Sucraid®. You may need to restrict the amount of starch in your diet. Your doctor will tell you if you should restrict starch in your diet.
 - Sucraid® has not been tested to see if it works in patients with secondary (acquired) sucrose deficiency.
 - **NEVER HEAT SUCRAID® OR PUT IT IN WARM OR HOT BEVERAGES OR INFANT FORMULA.**
Do not mix Sucraid® with fruit juice or take it with fruit juice. Take Sucraid® as prescribed by your doctor. Normally, half of the dose of Sucraid® is taken just before a meal or snack and the other half is taken during the meal or snack.
 - Sucraid® should be refrigerated at 36°F-46°F (2°C-8°C) and should be protected from heat and light; single-use containers can be removed from refrigeration and stored at 59°F-77°F (15°C-25°C) for up to 3 days (72 hours). Refer to Instructions for Use for full information on how to take Sucraid®.
- You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.FDA.gov/medwatch or call 1-800-FDA-1088.
- Please see additional Important Safety Information on Sucraid® Digests Sucrose page and in enclosed full Prescribing Information.

Sucraid® and Diet Therapy for Children

This Guide is intended for **Children** with
sucrase deficiency due to Congenital
Sucrase-Isomaltase Deficiency (CSID)



Sucraid®
(sacrosidase) Oral Solution
sucraid.com

What Is CSID?

If your child has been diagnosed with sucrase deficiency due to **Congenital Sucrase-Isomaltase Deficiency (CSID)**, his or her body is not making enough of the digestive enzymes, **sucrase** or **isomaltase** that work. Without sufficient sucrase that works, your child cannot digest **sucrose (table sugar)**. Without sufficient isomaltase that works, your child may have trouble digesting **starch**.^{*} When sucrose and starch are not well digested, they can cause gastrointestinal (GI) symptoms like diarrhea, abdominal pain, gas, and bloating, and over time, may lead to poor weight gain, weight loss, and/or malnutrition.¹ Other reported symptoms have included reflux and constipation.

^{*}Sucraid® does not break down some sugars resulting from the digestion of starch. Therefore, your child may need to restrict the amount of starch in their diet. Your doctor will tell you if your child should restrict the amount of starch in their diet.

Tell Me About Sucraid®

Sucraid® (sacrosidase) Oral Solution is an FDA-approved enzyme replacement for sucrase to aid in the digestion of sucrose in patients diagnosed with sucrase deficiency due to CSID.

Sucraid® Mixing and Dosing			
HOW TO MIX: Twist cap off single-use container. Squeeze contents into 4 ounces of water, milk, or infant formula and mix	WEIGHT: More than 33 lbs	DOSE: 2 mL Sucraid® with meals and snacks	TAKE: Entire 4 oz mixed solution with each meal or snack, half before and half during
	Less than or equal to 33 lbs	1 mL Sucraid® with meals and snacks	2 oz of the 4 oz mixed solution, half before and half during the meal or snack, and save the other 2 oz portion for the next meal or snack*

Sucraid® must be kept refrigerated. Do not mix Sucraid® in anything other than water, milk, or infant formula. Do not heat Sucraid® or mix in hot beverages. For more information about Sucraid®, call 1-800-705-1962. *Discard if not taken within 24 hours.

Do I Need to Change My Child's Diet?†

- Before making any changes to your child's diet, it is important to speak with your child's healthcare provider, especially if your child is underweight or not gaining weight as expected.
- Diet is specific to each child and depends on many factors, such as:
 - How much sucrose and starch your child is currently eating
 - If your child is meeting age-level growth milestones
 - If your child has any other health issues that require a special diet
 - If your child has developed any feeding aversions, is on a supplemental formula, or has a feeding tube
 - How well your child's digestive enzymes and gastrointestinal (GI) tract are working
- Some children may be able to continue their current diet when starting Sucraid® therapy.
- Other children may need to cut back on foods high in starch for a period of time.
- Other children may need to eliminate sucrose and starch from their diet initially and then gradually add foods back to the diet to determine which foods are tolerated and which foods cause GI symptoms. This type of diet plan should only be undertaken under the guidance of your child's healthcare provider or a registered dietitian/nutritionist.
- Vitamins, minerals, and additional supplements may be needed to meet all of your child's nutritional needs.

† See "Getting Started"

1 Gericke B, Amiri M, Naim HY. The multiple roles of sucrase-isomaltase in the intestinal physiology. *Mol Cell Pediatr*. 2016;3(1):2. doi:10.1186/s40348-016-0033-y

IMPORTANT SAFETY INFORMATION FOR SUCRAID® (SACROSIDASE) ORAL SOLUTION

Indication

Sucraid® (sacrosidase) Oral Solution is indicated for the treatment of sucrase deficiency, which is part of congenital sucrase-isomaltase deficiency (CSID), in adult and pediatric patients 5 months of age and older.

Contraindication

Sucraid® is contraindicated in patients known to be hypersensitive to yeast, yeast products, glycerin (glycerol), or papain.

Warnings, Precautions, and Additional Important Safety Information

■ Severe Hypersensitivity Reactions

Sucraid® may cause a severe hypersensitivity reaction (a serious allergic reaction). If you notice any swelling of your face, lips, mouth, or tongue, or have difficulty breathing, experience wheezing, rash, or itchiness, get emergency help right away. Sucraid® contains papain, which is associated with hypersensitivity reactions.

Please see additional Important Safety Information on *Getting Started* page and in enclosed full Prescribing Information.

Instructions for Use

SUCRAID® (Su-kreid) (sacrosidase) oral solution:
118 mL Multiple-Dose Bottle

Read this Instructions for Use before you start taking or giving SUCRAID to a child, and each time you get a refill. There may be new information. This information does not take the place of talking to your healthcare provider about your or your child's medical condition or treatment.



Important information you need to know before taking or giving SUCRAID:

- Your healthcare provider will decide the right dose of SUCRAID for you or your child. **Do not** change the dose of SUCRAID without talking to your healthcare provider.
- The dose of SUCRAID depends on body weight. Your healthcare provider will tell you how much SUCRAID you should take or give your child.
 - The dose for a child 33 pounds (15 kg) or less is 1 mL or 28 drops of SUCRAID in 2 ounces of water, milk, or infant formula.
 - The dose for a child or adult more than 33 pounds (15 kg) is 2 mL or 56 drops of SUCRAID in 4 ounces of water, milk, or infant formula.
- SUCRAID can only be dissolved with cold or room temperature water, milk, or infant formula. **Do not** put SUCRAID in warm or hot liquids. **Do not** dissolve SUCRAID with fruit juice. **Do not** take or give SUCRAID with fruit juice.
- **Do not** warm or heat the mixed solution before taking or giving SUCRAID.
- Measure your dose or your child's dose of SUCRAID using the measuring scoop that comes with the SUCRAID bottle. **Do not** use a kitchen teaspoon or other measuring device.
- SUCRAID should be taken or given with each meal or snack. Half of the SUCRAID dose should be taken or given at the beginning of each meal or snack. Take or give the remaining SUCRAID dose during the meal or snack.
- **Do not** use the SUCRAID multiple-dose bottle if the seal has been damaged. Contact your pharmacist or healthcare provider if you cannot use the SUCRAID multiple-dose bottle.

Supplies needed to take or give SUCRAID:

- SUCRAID 118 mL multiple-dose bottle
- 1 measuring scoop (included in SUCRAID carton)
- 2 to 4 ounces of cold or room temperature water, milk, or infant formula (not included)
- Meal or snack (not included)

How to take or give SUCRAID:

Step 1: Check the expiration date on the SUCRAID bottle. **Do not** use SUCRAID after the expiration date on the bottle has passed.

Step 2: Write down the date the bottle is first opened in the space provided on the bottle label.

Step 3: Each bottle of SUCRAID has a plastic screw cap that covers a dropper dispensing tip. Remove the plastic screw cap by twisting it to the left.

Step 4: Use the measuring scoop that comes in your SUCRAID carton to measure your or your child's prescribed dose. See **Figure 1**. Reseal the bottle after each use by replacing and twisting the plastic screw cap to the right until tight.



Figure 1

Step 5: Mix your or your child's prescribed dose in 2 ounces or 4 ounces of cold or room temperature water, milk, or infant formula as instructed by your healthcare provider. See **Figure 2**.



Figure 2

Step 6: Take or give half of the mixed solution at the beginning of each meal or snack. Take or give the remaining mixed solution during the meal or snack.

Step 7: Rinse the measuring scoop with water after each use.

Throwing away (disposal of) SUCRAID:

- Throw away (discard) the SUCRAID multiple-dose bottle and any remaining medicine in your household trash 4 weeks after first opening.

How should I store SUCRAID?

- Store the SUCRAID multiple-dose bottle in the refrigerator between 36°F to 46°F (2°C to 8°C).
- Protect SUCRAID from heat and light.

Keep SUCRAID and all medicines out of the reach of children.

Manufactured by:
QOL Medical, LLC Vero Beach, FL 32963
U.S. License No. 2195

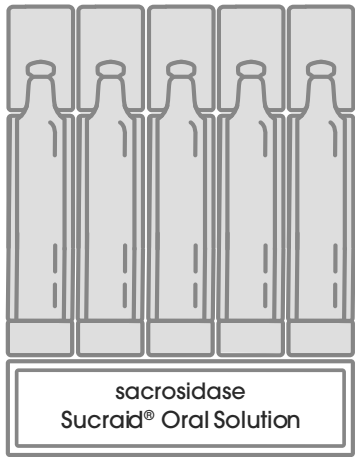
For more information, go to www.sucraid.com or call 1-866-469-3773.

This Instructions for Use has been approved by the U.S. Food and Drug Administration.
Issued: May 2022

Instructions for Use

Sucraid® (Su-kreid) (sacrosidase) Oral Solution:
2-mL Single-Use Container

Read this Instructions for Use before you start taking or giving Sucraid to a child, and each time you get a refill. There may be new information. This information does not take the place of talking to your healthcare provider about your or your child's medical condition or treatment.



Important information you need to know before taking or giving Sucraid:

- The 2-mL single-use container is for children and adults.
- Sucraid is supplied in 2-mL single-use containers in a foil pouch. Each foil pouch holds 5 single-use containers. **Each container is one 2 mL Sucraid dose.**
- Your healthcare provider will decide the right dose of Sucraid for you or your child. **Do not** change the dose of Sucraid without talking to your healthcare provider.
- Sucraid can only be dissolved with cold or room temperature water, milk, or infant formula. **Do not** put Sucraid in warm or hot liquids. **Do not** dissolve Sucraid with fruit juice. **Do not** give or take Sucraid with fruit juice.

- **Do not** warm or heat the mixed solution before taking or giving Sucraid.
- Sucraid should be taken or given with each meal or snack. Half of the Sucraid dose should be taken at the beginning of each meal or snack. Take or give the remaining Sucraid dose during the meal or snack.
- **Do not** use the Sucraid single-use container if the seal has been damaged. Contact your pharmacist or healthcare provider if you cannot use the Sucraid single-use container.

Supplies needed to take or give Sucraid:

- 1 Sucraid 2-mL container
- 4 ounces of cold or room temperature water, milk, or infant formula (not included)
- Meal or snack (not included)
- Spoon to mix (not included)

How to take or give Sucraid:

Step 1: Check the expiration date on the Sucraid foil pouch. **Do not** use Sucraid if it is past the expiration date. Remove 1 Sucraid 2-mL container from a foil pouch.

Step 2: Twist the cap to the left to remove it from the container. See **Figure 1**.

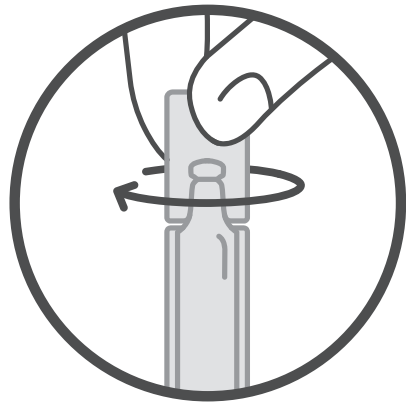


Figure 1

Step 3: Squeeze all the Sucraid solution in the container into 4 ounces of cold or room temperature water, milk, or infant formula. See **Figure 2**.



Figure 2

Step 4: Mix your or your child's prescribed dose in 4 ounces of cold or room temperature water, milk, or infant formula. See **Figure 3**.

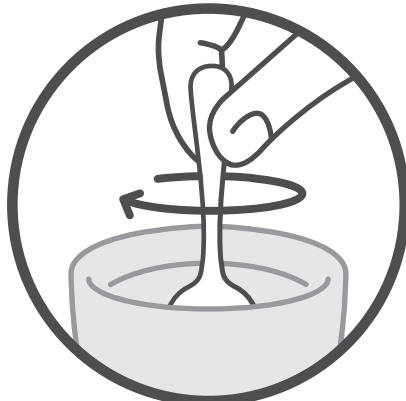


Figure 3

Step 5: For patients weighing more than 33 pounds (15 kilograms):

- The entire 4 ounces of mixed solution will be taken or given during each meal or snack. Take or give half of the mixed solution (2 ounces) at the beginning of the meal or snack and take or give the other half of the mixed solution (2 ounces) during the meal or snack.

For patients weighing 33 pounds (15 kilograms) or less:

- Divide the 4-ounce mixed solution into two separate 2-ounce portions.
- Take or give half of the first portion (1 ounce) at the beginning of the meal or snack and take or give the other half of the first portion (1 ounce) during the meal or snack.
- Store the second portion (2 ounces) in the refrigerator at 36°F to 46°F (2°C to 8°C) for the next meal or snack. Take or give half of the second portion (1 ounce) at the beginning of the next meal or snack and take or give the other half of the second portion (1 ounce) during the meal or snack.
- Throw away the second portion (2 ounces) if you do not use it within 24 hours.

Throwing away (disposal of) Sucraid:

- Throw away expired or empty Sucraid containers in your household trash.

How should I store Sucraid?

- Store the Sucraid single-use container in the refrigerator between 36°F to 46°F (2°C to 8°C).
- The Sucraid single-use container may be stored between 59°F to 77°F (15°C to 25°C) for up to 3 days.
- Protect Sucraid from heat and light.

Keep Sucraid and all medicines out of the reach of children.

Manufactured by:
QOL Medical, LLC Vero Beach, FL 32963
U.S. License No. 2195

For more information, go to www.Sucraid.com or call 1-866-469-3773.

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