These highlights do not include all the information needed to use SUFLAVE™ safely and

effectively. See full prescribing information for SUFLAVE.

SUFLAVE (polyethylene glycol 3350, sodium sulfate, potassium chloride, magnesium sulfate, and sodium chloride for oral solution)

Initial U.S. Approval: 2023

-----INDICATIONS AND USAGE-----SUFLAVE is an osmotic laxative indicated for cleansing of the colon in preparation for

colonoscopy in adults. (1)

-----DOSAGE AND ADMINISTRATION-----Preparation and Administration (2.1)

- Administration of two doses of SUFLAVE are required for a complete preparation for colonoscopy.
- One dose of SUFLAVE is equal to one bottle plus one flavor enhancing packet.
- Each bottle must be reconstituted with water before ingestion.
- An additional 16 ounces of water must be consumed after each dose.
- Stop consumption of all fluids at least 2 hours before the colonoscopy.

Recommended Dosage and Administration (2.2) The recommended Split-Dose (two-day) regimen consists of two doses of SUFLAVE:

Day 1, Dose 1: Evening before Colonoscopy:

1 bottle with flavor enhancing packet

Day 2, Dose 2: Morning of the Colonoscopy (5 to 8 hours prior to the colonoscopy and no sooner than 4 hours from starting Dose 1):

1 bottle with flavor enhancing packet

For complete information on preparation before colonoscopy and administration of the dosage regimen, see full prescribing information. (2.1, 2.2)

-----DOSAGE FORMS AND STRENGTHS-----DOSAGE FORMS

For Oral Solution: Two bottles and two flavor enhancing packets.

Each bottle contains 178.7 g polyethylene glycol 3350, 7.3 g sodium sulfate, 1.12 g potassium chloride, 0.9 g magnesium sulfate, and 0.5 g sodium chloride. The bottle

also contains lemon-lime flavoring. (3)

Risk of fluid and electrolyte abnormalities: Encourage adequate hydration, assess concurrent medications and consider laboratory assessments prior to and after each use.

------WARNINGS AND PRECAUTIONS------WARNINGS AND PRECAUTIONS-----

-----CONTRAINDICATIONS-------

Gastrointestinal obstruction or ileus (4, 5.6)

Hypersensitivity to any ingredient in SUFLAVE (4)

Bowel perforation (4, 5.6)

Gastric retention (4)

Toxic colitis or toxic megacolon (4)

- Cardiac arrhythmias: Consider pre-dose and post-colonoscopy ECGs in patients at increased risk. (5.2)
- Seizures: Use caution in patients with a history of seizures and patients at increased risk of seizures, including medications that lower the seizure threshold. (5.3, 7.1)
- colonoscopy findings in patients with known or suspected inflammatory bowel disease. Patients with renal impairment or taking concomitant medications that affect renal function:

Colonic mucosal ulcerations: Consider potential for ulcerations when interpreting

- Use caution, ensure adequate hydration and consider laboratory testing. (5.4, 7.1)
- Suspected GI obstruction or perforation: Rule out the diagnosis before administration. (4, 5.6)
- Patients at risk for aspiration: Observe during administration (5.7) Hypersensitivity reactions, including anaphylaxis: Inform patients to seek immediate
- medical care if symptoms occur (5.8) ------ADVERSE REACTIONS------

Most common adverse reactions (≥2%) are: nausea, abdominal distension, vomiting, abdominal

pain and headache. (6.1) To report SUSPECTED ADVERSE REACTIONS, contact Braintree Laboratories, Inc. at

1-800-874-6756 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

-----DRUG INTERACTIONS-------Drugs that increase risk of fluid and electrolyte imbalance. (7.1)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

Revised: 6/2023

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5.7 Aspiration

FULL PRESCRIBING INFORMATION INDICATIONS AND USAGE

SUFLAVE is indicated for the cleansing of the colon as a preparation for colonoscopy in adults.

DOSAGE AND ADMINISTRATION 2.1 Important Preparation and Administration Instructions

Correct fluid and electrolyte abnormalities before treatment with SUFLAVE [see Warnings and Precautions

- Two doses of SUFLAVE are required for a complete preparation for colonoscopy. One dose of SUFLAVE is egual to one bottle plus one flavor enhancing packet.
- Reconstitute each bottle with water before ingestion. Do not reconstitute SUFLAVE with liquids other than water and/or add starch-based thickeners to the mixing bottle [see Warnings and Precautions (5.7)].
- Consume a low residue breakfast on the day before colonoscopy. After breakfast, only consume clear liquids up to 2 hours prior to colonoscopy.
- Do not eat solid food or drink milk or eat or drink anything colored red or purple.

Must consume an additional 16 ounces of water after each dose of SUFLAVE

- Do not drink alcohol
- Do not take other laxatives while taking SUFLAVE [see Drug Interactions (7.3)]. Do not take oral medications within 1 hour of starting each dose of SUFLAVE [see Drug Interactions (7.2)].
- If taking tetracycline or fluoroguinolone antibiotics, iron, digoxin, chlorpromazine, or penicillamine, take these medications at least 2 hours before and not less than 6 hours after administration of each dose of SUFLAVE
- [see Drug Interactions (7.2)]. Stop consumption of all fluids at least 2 hours prior to the colonoscopy. If nausea, bloating, or abdominal cramping occurs, pause or slow the rate of drinking the solution and

• Day 2, Dose 2: Morning of the Colonoscopy (5 to 8 hours prior to the colonoscopy and no sooner than 4

- additional water until symptoms diminish. 2.2 Split-Dose (2-Day) Recommended Dosage
- The recommended Split-Dose (two-day) regimen consists of two doses of SUFLAVE: • Day 1, Dose 1: Evening before Colonoscopy: 1 bottle with flavor enhancing packet
- hours from starting Dose 1): 1 bottle with flavor enhancing packet 2.3 Preparation and Administration Instructions The Day Prior to Colonoscopy:

A low residue breakfast may be consumed. Examples of low residue foods are white bread, biscuits, muffins (no wheat), cornflakes, eggs, cream of wheat, grits, yogurt, cottage cheese,

coffee, tea, juice without pulp, fruit (no skin or seeds). After breakfast, only consume clear liquids until after the colonoscopy. Examples of clear

liquids are water, fruit juice (without pulp), lemonade, plain coffee, tea (no cream or nondairy

creamer), chicken broth, gelatin dessert (no fruit or topping). No red or purple liquids, no milk or alcoholic beverages. Day 1, Dose 1 - Early in the Evening Prior to Colonoscopy: Open 1 flavor enhancing packet and pour the contents into 1 bottle.

Fill the provided bottle with lukewarm water up to the fill line. After capping the bottle, gently shake the bottle until all powder has dissolved. For best taste, refrigerate the solution for an hour

Drink an additional 16 ounces of water during the evening. If nausea, bloating, or abdominal cramping occurs, pause or slow the rate of drinking the solution and

before drinking. Do not freeze. Use within 24 hours.

additional water until symptoms diminish. Day 2, Dose 2 - The Morning of the Colonoscopy (5 to 8 hours prior to the colonoscopy and no

Drink 8 ounces of solution every 15 minutes until the bottle is empty.

1. Repeat Step 1 to Step 3 from Day 1, Dose 1. 2. Drink an additional 16 ounces of water during the morning

sooner than 4 hours from starting Dose 1):

Stop drinking liquids at least 2 hours prior to colonoscopy. If nausea, bloating, or abdominal cramping occurs, pause or slow the rate of drinking the solution and additional water until symptoms diminish.

Continue to consume only clear liquids until after the colonoscopy.

After reconstitution, keep solution refrigerated 2°C to 8°C (36°F to 46°F). Do not freeze. Use within 24 hours, discard unused solution

DOSAGE FORMS AND STRENGTHS SUFLAVE is supplied as a white powder for reconstitution and is available in a carton that contains two bottles and two flavor enhancing packets.

CONTRAINDICATIONS

5 WARNINGS AND PRECAUTIONS

Storage of Reconstituted Solution

0.9 g magnesium sulfate, and 0.5 g sodium chloride. The bottle contains lemon-lime flavoring When diluted as directed, the solution is slightly hazy to hazy.

Each bottle contains 178.7 g polyethylene glycol 3350, 7.3 g sodium sulfate, 1.12 g potassium chloride,

Bowel perforation [see Warnings and Precautions (5.6)] Toxic colitis or toxic megacolon

Hypersensitivity to any ingredient in SUFLAVE [see Warnings and Precautions (5.8)]

Gastrointestinal obstruction or ileus *[see Warnings and Precautions (5.6)]*

Advise all patients to hydrate adequately before, during, and after the use of SUFLAVE. If a patient develops significant vomiting or signs of dehydration after taking SUFLAVE, consider performing post-colonoscopy lab tests

5.1 Serious Fluid and Electrolyte Abnormalities

SUFLAVE is contraindicated in the following conditions:

(electrolytes, creatinine, and BUN). Bowel preparation products can cause fluid and electrolyte disturbances, which can lead to serious adverse reactions including cardiac arrhythmias, seizures, and renal impairment [see Adverse Reactions (6.2)]. Correct

angiotensin receptor blockers (ARBs)], that increase the risk for fluid and electrolyte disturbances or may increase the risk of seizure, arrhythmias, and renal impairment [see Drug Interactions (7.1)]. 5.2 Cardiac Arrhythmias There have been rare reports of serious arrhythmias associated with the use of ionic osmotic laxative products for

bowel preparation. These occur predominantly in patients with underlying cardiac risk factors and electrolyte

disturbances. Use caution when prescribing SUFLAVE for patients at increased risk of arrhythmias (e.g., patients

fluid and electrolyte abnormalities before treatment with SUFLAVE. Use SUFLAVE with caution in patients with

conditions, or who are using medications [such as diuretics, angiotensin converting enzyme (ACE) inhibitors or

with a history of prolonged QT interval, uncontrolled arrhythmias, recent myocardial infarction, unstable angina, congestive heart failure, or cardiomyopathy). Consider pre-dose and post-colonoscopy ECGs in patients at increased risk of serious cardiac arrhythmias. There have been reports of generalized tonic-clonic seizures and/or loss of consciousness associated with use of bowel preparation products in patients with no prior history of seizures. The seizure cases were associated with

Use SUFLAVE with caution in patients with impaired renal function or patients taking concomitant medications that may affect renal function (such as diuretics, angiotensin converting enzyme inhibitors, angiotensin receptor blockers, or non-steroidal anti-inflammatory drugs) [see Drug Interactions (7.1)]. These patients may be at risk for renal injury. Advise these patients of the importance of adequate hydration with SUFLAVE and consider performing baseline and post-colonoscopy laboratory tests (electrolytes, creatinine, and BUN) in these patients [see Use in

Osmotic laxative products may produce colonic mucosal aphthous ulcerations, and there have been reports of more serious cases of ischemic colitis requiring hospitalization. Concurrent use of stimulant laxatives and SUFLAVE may increase these risks [see Drug Interactions (7.3)]. Consider the potential for mucosal ulcerations resulting from the bowel preparation when interpreting colonoscopy findings in patients with known or suspect inflammatory bowel disease.

If gastrointestinal obstruction or perforation is suspected, perform appropriate diagnostic studies to rule out these conditions before administering SUFLAVE [see Contraindications (4)].

Use with caution in patients with severe active ulcerative colitis.

electrolyte abnormalities (e.g., hyponatremia, hypokalemia, hypocalcemia, and hypomagnesemia) and low serum osmolality. The neurologic abnormalities resolved with correction of fluid and electrolyte abnormalities. Use caution when prescribing SUFLAVE for patients with a history of seizures and in patients at increased risk of seizure, such as patients taking medications that lower the seizure threshold (e.g., tricyclic antidepressants), patients withdrawing from alcohol or benzodiazepines, or patients with known or suspected hyponatremia [see Drug Interactions (7.1)]. 5.4 Use in Patients with Risk of Renal Injury

Specific Populations (8.6)1. 5.5 Colonic Mucosal Ulcerations and Ischemic Colitis

5.6 Use in Patients with Significant Gastrointestinal Disease

Patients with impaired gag reflex or other swallowing abnormalities are at risk for regurgitation or aspiration of SUFLAVE. Observe these patients during administration of SUFLAVE.

Do not combine SUFLAVE with starch-based thickeners [see Dosage and Administration (2.1)]. Polyethylene glycol (PEG), a component of SUFLAVE, when mixed with starch-thickened liquids reduces the viscosity of the starch-

thickened liquid. When a PEG-based product used for another indication was mixed in starch-based pre-thickened liquids used in patients with dysphagia, thinning of the liquid occurred and cases of choking and potential aspiration were reported. 5.8 Hypersensitivity Reactions SUFLAVE contains polyethylene glycol (PEG) and other ingredients that may cause serious hypersensitivity

reactions including anaphylaxis, angioedema, rash, urticaria, and pruritus [see Adverse Reactions (6.2)]. Inform

patients of the signs and symptoms of anaphylaxis, and instruct them to seek immediate medical care should

signs and symptoms occur.

the rates observed in practice

6 ADVERSE REACTIONS

The following serious or otherwise important adverse reactions are described elsewhere in the labeling: Serious Fluid and Electrolyte Abnormalities [see Warnings and Precautions (5.1)] Cardiac Arrhythmias *[see Warnings and Precautions (5.2)]*

- Seizures [see Warnings and Precautions (5.3)] Patients with Risk of Renal Injury [see Warnings and Precautions (5.4)] Colonic Mucosal Ulceration and Ischemic Colitis [see Warnings and Precautions (5.5)]
- Patients with Significant Gastrointestinal Disease [see Warnings and Precautions (5.6)]
- Hypersensitivity Reactions [see Warnings and Precautions (5.8)] 6.1 Clinical Trials Experience

Aspiration [see Warnings and Precautions (5.7)]

The safety of SUFLAVE was evaluated in two randomized, parallel group, multicenter, investigator-blinded clinical trials in 929 adult patients undergoing colonoscopy. The active comparators were polyethylene glycol 3350, sodium sulfate, sodium chloride, potassium chloride, ascorbic acid and sodium ascorbate for oral solution in Study 1 and sodium sulfate, potassium sulfate, and magnesium sulfate oral solution in Study 2 [see Clinical Studies

Table 1: Common Adverse Reactions^a by Treatment Group in Adult Patients Undergoing Colonoscopy in Study 1^b

Table 1 shows the most common adverse reactions reported in at least 2% of patients in either treatment group in

(%)

SUFLAVE

acid and sodium ascorbate for

Sodium sulfate, potassium

Because clinical studies are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in clinical trials of another drug and may not reflect

Polyethylene glycol 3350, sodium sulfate, sodium chloride, **SUFLAVE** potassium chloride, ascorbic

	N=233	oral solution (%) N= 243
Nausea	13	9
Abdominal distension	6	3
Vomiting	6	3
Abdominal pain ^c	3	4
Headache	3	2
Reported in at least 2% of patients in either treatment gr Study 1 was not designed to support comparative claims Abdominal pain is composed of several similar terms.	•	is reported in this table.
Table 2 shows the most common adverse read	ctions reported in at least 2% of	patients in either treatment group in

Study 2 Table 2: Common Adverse Reactions^a by Treatment Group in Adult Patients Undergoing Colonoscopy in Study 2^b

sulfate, and magnesium sulfate oral solution (%) (%)N=227 N=226 Nausea 7 6 7 Vomiting 4 Headache 2 2 Abdominal pain^c 3 1 Abdominal distension 1

^b Study 2 was not designed to support comparative claims for SUELAVE for the adverse reactions reported in this table

comparator). These changes were transient and resolved without intervention.

Electrolyte Abnormalities In patients with normal baseline values, the most common electrolyte abnormality following study drug, on the day of colonoscopy, was increased magnesium (Study 1: 11% in SUFLAVE-treated patients and 2% in patients

^a Reported in at least 2% of patients in any treatment group.

^c Abdominal pain is composed of several similar items.

6.2 Postmarketing Experience

Laboratory Changes

Renal Function Parameters In patients with normal baseline values, at 48 to 72 hours after bowel preparation, an increase in serum creatinine of > 0.3 mg/dL and/or a decrease in eGFR of > 25% were reported in 2% of SUFLAVE-treated patients and 0 patients treated with active comparator in Study 1 and 1% of SUFLAVE-treated patients and 3% of patients treated with active comparator in Study 2. These changes were transient and resolved.

treated with active comparator; Study 2: 12% in SUFLAVE-treated patients and 11% in patients treated with active

possible to reliably estimate their frequency or establish a causal relationship to drug exposure. Cardiovascular: arrhythmia, atrial fibrillation, peripheral edema, asystole, acute pulmonary edema [see Warnings and Precautions (5.2)]. Gastrointestinal: upper gastrointestinal bleeding from a Mallory-Weiss tear; esophageal perforation, usually with gastroesophageal reflux disease

Hypersensitivity reactions: rash, urticaria, pruritus, dermatitis, dyspnea, chest tightness and throat tightness, fever,

The following adverse reactions have been identified during post-approval use of other polyethylene glycol-based products. Because these reactions are reported voluntarily from a population of uncertain size, it is not always

DRUG INTERACTIONS 7.1 Drugs That May Increase Risks of Fluid and Electrolyte Abnormalities Use caution when prescribing SUFLAVE to patients taking medications that increase the risk of fluid and

electrolyte disturbances or may increase the risk of seizure, arrhythmias, and prolonged QT interval in the setting

colitis. Avoid use of stimulant laxatives (e.g., bisacodyl, sodium picosulfate) while taking SUFLAVE [see Warnings

7.2 Potential for Reduced Drug Absorption SUFLAVE can reduce the absorption of other co-administered drugs [see Dosage and Administration (2.1)]:

Nervous system: tremor, seizure [see Warnings and Precautions (5.3)]

· Administer oral medications at least one hour before starting each dose of SUFLAVE. Administer tetracycline and fluoroquinolone antibiotics, iron, digoxin, chlorpromazine, and penicillamine at least 2 hours before and not less than 6 hours after administration of each dose of SUFLAVE to avoid

of fluid and electrolyte abnormalities [see Warnings and Precautions (5.1, 5.2, 5.3, 5.4)].

angioedema, anaphylaxis and anaphylactic shock [see Warnings and Precautions (5.8)].

chelation with magnesium. 7.3 Stimulant Laxatives Concurrent use of stimulant laxatives and SUFLAVE may increase the risk of mucosal ulceration or ischemic

and Precautions (5.5)]. 8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy Risk Summary

There are no available data on the use of SUFLAVE during pregnancy to evaluate for a drug-associated risk of major birth defects, miscarriage, or adverse maternal or fetal outcomes. Animal reproduction studies have not been conducted with polyethylene glycol 3350, sodium sulfate, potassium chloride, magnesium sulfate, and sodium chloride (SUELAVE)

child, or the effects on milk production.

The estimated background risk of major birth defects and miscarriage for the indicated population is unknown. All pregnancies have a background risk of birth defect, loss, or other adverse outcomes. In the U.S. general

population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2% to 4% and 15% to 20%, respectively. 8.2 Lactation

need for SUFLAVE and any potential adverse effects on the breastfed child from SUFLAVE or from the underlying maternal condition.

Risk Summary There are no available data on the presence of SUFLAVE in human or animal milk, the effects on the breastfed

The developmental and health benefits of breastfeeding should be considered along with the mother's clinical

Of the 460 patients who received SUFLAVE in clinical trials, 125 (27%) were 65 years of age or older. No differences in effectiveness of SUFLAVE were observed between geriatric patients and younger adult patients. Among geriatric patients, decreases in blood pressure on the day of colonoscopy were reported more frequently with SUFLAVE than with the active comparator in Study 1 (6% in SUFLAVE-treated patients and 1% in patients treated with active comparator) in Study 2 (3% in SUFLAVE-treated patients and 0% treated with active comparator) [see Clinical Studies (14)].

Geriatric patients are more likely to have decreased hepatic, renal or cardiac function and may be more susceptible to adverse reactions resulting from fluid and electrolyte abnormalities [see Warnings and Precautions

Use SUFLAVE with caution in patients with renal impairment or patients taking concomitant medications that may affect renal function. These patients may be at risk for renal injury. Advise these patients of the importance of adequate hydration before, during and after the use of SUFLAVE, and consider performing baseline and postcolonoscopy laboratory tests (electrolytes, creatinine, and BUN) in these patients [see Warning and Precautions (5.4)].

10 OVERDOSAGE

Overdosage of more than the recommended dose of SUFLAVE may lead to severe electrolyte disturbances, as well as dehydration and hypovolemia, with signs and symptoms of these disturbances [see Warnings and Precautions

SUFLAVE (polyethylene glycol 3350, sodium sulfate, potassium chloride, magnesium sulfate, and sodium chloride for oral solution) is an osmotic laxative and is provided in two bottles and two flavor enhancing packets for oral

Chemical Name	Chemical Formula	Average Molecular Weight (g/mol)	Chemical Structure
Polyethylene Glycol 3350, USP	H[O],O H	3350	H[O]nOH
Sodium Sulfate, USP	Na ₂ SO ₄	142.04	Na⁺ ^{O⁺} Na⁺ O=S=O O⁻
Magnesium Sulfate, USP	MgSO₄	120.37	Mg ²⁺ O ⁻ -S=O O-
Potassium Chloride, USP	KCI	74.55	CIK+
Sodium Chloride, USP	NaCl	58.44	Na + Cl -

magnesium sulfate, and 0.5 g sodium chloride, plus the following excipients: advantame, lemon-lime flavor, and neotame. Each flavor enhancing packet contains anhydrous citric acid, colloidal silicon dioxide, malic acid, and sucralose.

Each dose of reconstituted oral solution is one liter of slightly hazy to hazy liquid that contains 178.7 g polyethylene glycol 3350, 7.3 g sodium sulfate, 1.12 g potassium chloride, 0.9 g magnesium sulfate, and 0.5 g sodium chloride and the following excipients: advantame, anhydrous citric acid, colloidal silicon dioxide, lemon-12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action The primary mode of action is the osmotic effects of polyethylene glycol 3350, sodium sulfate and magnesium

sulfate, which induce a laxative effect. The physiological consequence is increased water retention in the lumen of the colon, resulting in loose stools.

concentration (C_{max}) for polyethylene glycol 3350 of 3.4 \pm 1.4 mcg/mL was reached at 4 hours, and the mean \pm SD serum C___ for sulfate of 27.0 ± 11.4 mcg/mL was reached at 6 hours. Following a second dose of SUFLAVE (approximately 12 hours later), the mean \pm SD plasma C_{max} for polyethylene glycol 3350 of 2.9 \pm 0.97 mcg/mL was reached at 4 hours, and the mean \pm SD serum C_{max} for sulfate of 29.2 \pm 11.0 mcg/mL was reached at 3 hours. Sulfate concentrations were below the limit of quantitation (19.2 mcg/mL) for all subjects by follow-up Day 3. Polyethylene glycol 3350 concentrations were below the limit of quantitation (LOQ 0.01 mcg/mL) for 16 of 18 subjects by follow-up Day 7.

cancer screening and surveillance, or diagnostic colonoscopy, including patients with abdominal pain, diarrhea, constipation and non-severe inflammatory bowel disease. In Study 1 (NCT04446299), 471 adult patients were included in the efficacy analysis. Patients ranged in age from

American, 2% Asian, and 1% American Indian or Alaska Native. The population was 8% Hispanic or Latino. Patients were randomized to one of the following two colon preparation regimens: SUFLAVE or polyethylene glycol 3350, sodium sulfate, sodium chloride, potassium chloride, ascorbic acid and sodium ascorbate for oral solution. Both preparations were administered according to a split-dose regimen [see Dosage and Administration (2.2)]. Patients receiving SUFLAVE were limited to a low residue breakfast followed by clear liquids on the day prior to the colonoscopy; patients receiving the comparator bowel prep were allowed to have a normal breakfast and a light lunch, followed by clear liquids and/or yogurt for dinner on the day prior to the colonoscopy In Study 2 (NCT04446312), 450 adult patients were included in the efficacy analysis. Patients ranged in age from 18 to 80 years (median age 57 years) and 58% were female. The racial distribution was 85% White, 10% African-

 $American, 3\% \ Asian, and < 1\% \ American \ Indian \ or \ Alaska \ Native. \ The \ population \ was \ 21\% \ Hispanic \ or \ Latino.$ Patients were randomized to one of the following two colon preparation regimens: SUFLAVE or sodium sulfate, potassium sulfate, and magnesium sulfate oral solution. Both preparations were administered according to a splitdose regimen [see Dosage and Administration (2.2)]. Patients receiving SUFLAVE were limited to a low residue breakfast followed by clear liquids on the day prior to the colonoscopy; patients receiving the comparator bowel prep were allowed a light breakfast followed by clear liquids on the day prior to the colonoscopy. The primary efficacy endpoint in each trial was the proportion of patients with successful colon cleansing, as assessed by the blinded colonoscopist utilizing the four-point scale described in Table 4. Success was defined as

Table 4: Description of Colonoscopy Scoring

Score	Grade	Description	
1	Poor	Large amount of fecal residue, additional bowel preparation required.	
2	Fair	Enough feces even after washing and suctioning to prevent clear visualization of the entire colonic mucosa.	
3	Good	Feces and fluid requiring washing and suctioning, but still achieves clear visualization of the entire colonic mucosa.	
4	Excellent	No more than small bits of feces/fluid which can be suctioned easily; achieves clear visualization of the entire colonic mucosa.	

Results for the primary endpoint in Studies 1 and 2 are shown in Table 5. In both trials, SUFLAVE was non-inferior to the active comparator

Table 5: Proportion of Adult Patients with Overall Cleansing Success^a in Two Controlled Trials with a Split-Dose Regimen

	SUFLAVE % (n/N)	Active Comparator % (n/N)	SUFLAVE-Active Comparator	
			Difference ^b (%)	95% Confidence Interval ^b
Study 1	93% (215/232)	89% ^c (212/239)	3.4%	(-1.7%, 8.5%) ^e
Study 2	94% (212/226)	94% ^d (211/224)	0.2%	(-4.0%, 4.3%) ^e

a success was defined as an overall cleaning assessment of 3 (Good) or 4 (Excellent) by the blinded endoscopist, with scores assigned on withdrawal of colonoscope b common risk differences and confidence intervals were based on the Mantel-Haenszel method adjusting for study

e active comparator in Study 1 was polyethylene glycol 3350, sodium sulfate, sodium chloride, potassium chloride,

sodium ascorbate and ascorbic acid for oral solution ^d active comparator in Study 2 was sodium sulfate, potassium sulfate, and magnesium sulfate oral solution

e non-inferiority was demonstrated

16 HOW SUPPLIED/STORAGE AND HANDLING SUFLAVE (polyethylene glycol 3350, sodium sulfate, potassium chloride, magnesium sulfate, and sodium chloride

for oral solution) is supplied as a white powder for reconstitution and is lemon-lime flavored. Each carton of SUFLAVE (NDC 52268-550-01) contains:

Advise the patient to read the FDA-approved patient labeling (Medication Guide and Instructions for Use).

- Must reconstitute each bottle with water before ingestion.
- Must consume an additional 16 ounces of water after each dose of SUFLAVE.
- To hydrate adequately with clear liquids before, during, and after the use of SUFLAVE to prevent dehydration [see Warnings and Precautions (5.1)]. Examples of clear liquids can be found in the Instructions for Use.
- If nausea, bloating, or abdominal cramping occurs, pause or slow the rate of drinking the solution and additional water until symptoms diminish.
- Do not take other laxatives while taking SUFLAVE. Do not drink milk or eat or drink anything colored red or purple.
- Do not take oral medications within one hour of starting each dose of SUFLAVE [see Drug Interactions (7.2)].
- If taking tetracycline or fluoroquinolone antibiotics, iron, digoxin, chlorpromazine, or penicillamine, take these
- medications at least 2 hours before and not less than 6 hours after administration of each dose of SUFLAVE [see Drug Interactions (7.2)]. Complete all SUFLAVE and required water at least two hours prior to colonoscopy.
 - Contact their healthcare provider if they develop significant vomiting or signs of dehydration after taking SUFLAVE or if they experience cardiac arrhythmias or seizures [see Warnings and Precautions (5.1, 5.2, 5.3)].
- Seek immediate medical care if signs and symptoms of a hypersensitivity reaction occur [see Warnings and Precautions (5.8)].
- Manufactured by:

Holbrook, MA 02343

Please see www.sebelapharma.com for patent information. © Braintree Laboratories, Inc.

Braintree Laboratories, Inc.

Medication Guide

Read and understand this Medication Guide and the Instructions for Use at least 2 days **before** your colonoscopy and again before you start taking SUFLAVE.

What is the most important information I should know about SUFLAVE? SUFLAVE and other bowel preparations can cause serious side effects, including:

These changes can cause:

- · kidney problems. Your chance of having fluid loss and changes in body salts with SUFLAVE is higher if
- you:
- have kidney problems. • take water pills (diuretics), high blood pressure medicine, or non-steroidal anti-inflammatory
- too much body fluid (dehydration) while taking SUFLAVE: vomiting · urinating less often than normal
- effects.

SUFLAVE is a prescription medicine used by adults to clean the colon before a colonoscopy. SUFLAVE cleans your colon by causing you to have diarrhea (loose stools). Cleaning your colon

What is SUFLAVE?

It is not known if SUFLAVE is safe and effective in children. Do not take SUFLAVE if your healthcare provider has told you that you have: a blockage in your bowel (obstruction) or a problem with food moving too slowly through

your intestines (ileus).

an opening in the wall of your stomach or intestine (bowel perforation). a very dilated intestine (toxic colitis or toxic megacolon).

- problems with food and fluid emptying from your stomach (gastric retention). an allergy to any ingredient in SUFLAVE. See the end of this Medication Guide for a complete
- list of the ingredients in SUFLAVE.
- conditions, including if you:
- have heart problems. have stomach or bowel problems including ulcerative colitis. · have problems with swallowing, gastric reflux, or if you inhale food or fluid into your lungs

when eating or drinking (aspirate).

- have a history of seizures.
- have a low blood salt (sodium) level. · have kidney problems.
- are pregnant. It is not known if SUFLAVE will harm your unborn baby. Talk to your healthcare provider if you are pregnant.
- breastfeeding. Tell your healthcare provider about all the medicines you take, including prescription and

absorbed properly when taken within 1 hour before the start of each dose of SUFLAVE. Especially tell your healthcare provider if you take:

SUFLAVE may affect how other medicines work. Medicines taken by mouth may not be

medicines for kidney problems. medicines for seizures.

medicines to treat a blood salt (electrolyte) imbalance.

- water pills (diuretics). non-steroidal anti-inflammatory drugs (NSAIDs). • medicines for depression or other mental health problems.
- laxatives. **Do not** take other laxatives while taking SUFLAVE.
- with starch-based thickeners.
- starch-based thickeners. For patients who have trouble swallowing, do not mix SUFLAVE
- SUFLAVE and not less than 6 hours after taking each dose of SUFLAVE:
- fluoroquinolone antibiotics

- Each bottle contains 178.7 g polyethylene glycol 3350, 7.3 g sodium sulfate, 1.12 g potassium chloride, 0.9 g
- 12.3 Pharmacokinetics After administration of the first dose of SUFLAVE in 18 healthy subjects, the mean \pm SD maximum plasma
- 14 CLINICAL STUDIES The colon cleansing efficacy of SUFLAVE was evaluated in two randomized, single-blind, active-controlled, multicenter trials (Study 1 and Study 2). These trials included adult patients undergoing colonoscopy for colorectal

an overall cleansing assessment of 3 (Good) or 4 (Excellent).

See the Instructions for Use for dosing instructions. You must read, understand, and follow these instructions to take SUFLAVE the right way.

information.

How should I take SUFLAVE?

 Take SUFLAVE exactly as your healthcare provider tells you to take it. Two doses of SUFLAVE are required for a complete colonoscopy preparation. One dose of

- SUFLAVE is equal to one bottle plus one flavor enhancing packet. • It is important for you to drink the additional prescribed amount of water listed in the
- Instructions for Use to prevent fluid loss (dehydration). • SUFLAVE is taken using the **Split-Dose** method. See the Instructions for Use for more
- All people taking SUFLAVE should follow these general instructions starting 1 day before your colonoscopy: o you can eat a low-residue breakfast. Low-residue foods include white bread, biscuits,
- coffee, tea, juice without pulp, and fruit (no skin or seeds). o after breakfast only drink clear liquids all day and the next day until 2 hours before your colonoscopy. Stop drinking all fluids at least 2 hours before the colonoscopy. Examples of clear liquids include water, fruit juices (without pulp), lemonade, coffee, tea (no cream or

non-dairy creamer), chicken broth, and gelatin desserts (no fruit or topping).

muffins (no wheat), cornflakes, eggs, cream of wheat, grits, yogurt, cottage cheese,

stomach is upset, wait to take your second dose of SUFLAVE until your stomach feels better. Start taking your second dose 5 to 8 hours before the colonoscopy, but no sooner than 4 hours from taking your first dose. • While taking SUFLAVE, do not: o take any other laxatives

o after taking the first dose of SUFLAVE, if you have any nausea, bloating or feeling like your

- o take oral medicines within 1 hour of starting each dose of SUFLAVE
- o eat solid foods, dairy such as milk, or drink alcohol
- eat or drink anything colored red or purple Contact your healthcare provider right away if after taking SUFLAVE you have severe
- vomiting, signs of too much fluid loss (dehydration), abnormal heartbeats or seizures.
- What are the possible side effects of SUFLAVE? SUFLAVE can cause serious side effects, including:

See "What is the most important information I should know about SUFLAVE?" • Changes in certain blood tests. Your healthcare provider may do blood tests after you take

- SUFLAVE to check your blood for changes. Tell your healthcare provider if you have any symptoms of too much fluid loss, including:
- dizziness stomach (abdominal) cramping headache o urinate less than usual

o nausea

bloating

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 Heart problems. SUFLAVE may cause abnormal heartbeats. Seizures.

o trouble drinking clear liquid

• Ulcers of the bowel or bowel problems (ischemic colitis). Tell your healthcare provider right away if you have severe stomach-area (abdominal) pain or rectal bleeding.

o raised red patches on your skin (hives)

· stomach (abdominal) pain

 $\circ \ \, \text{skin rash}$

vomiting

- . Serious allergic reactions. Get medical help right away if you have any signs and symptoms of a serious allergic reaction while taking SUFLAVE including: difficulty breathing itching
- The most common side effects of SUFLAVE include:

swelling of the face, lips,

tongue and throat

- stomach bloating (abdominal distension) headache vomiting These are not all the possible side effects of SUFLAVE.
- Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800- FDA-1088.
- **How should I store SUFLAVE?** Store SUFLAVE at room temperature between 68°F to 77°F (20°C to 25°C).
- 8°C). Do not freeze. Used mixed (reconstituted) SUFLAVE solution within 24 hours. After 24 hours, throw away (discard) any mixed (reconstituted) SUFLAVE solution that is not

Guide. Do not use SUFLAVE for a condition for which it was not prescribed. Do not give SUFLAVE to other people, even if they are going to have the same procedure you are. It may

Store mixed (reconstituted) SUFLAVE solution in the refrigerator at 36°F to 46°F (2°C to

Medicines are sometimes prescribed for purposes other than those listed in a Medication

Keep SUFLAVE and all medicines out of the reach of children. General information about the safe and effective use of SUFLAVE.

harm them. You can ask your pharmacist or healthcare provider for information that is written for health professionals.

Active ingredients: polyethylene glycol 3350, sodium sulfate, potassium chloride, magnesium sulfate, and sodium chloride.

What are the ingredients in SUFLAVE?

Inactive ingredients: advantame, anhydrous citric acid, colloidal silicon dioxide, lemon-lime flavor, malic acid, neotame, and sucralose.

Manufactured by:

- Braintree Laboratories, Inc.

270 Centre Street Holbrook, MA 02343

For more information, go to www.braintreelabs.com or call 1-800-874-6756.

This Medication Guide has been approved by the U.S. Food and Drug Administration.

digoxin

chlorpromazine

penicillamine

8.5 Geriatric Use

(5.1)]. Advise geriatric patients to hydrate adequately before, during, and after the use of SUFLAVE. 8.6 Renal Impairment

(5.1, 5.2, 5.3)]. Monitor for fluid and electrolyte disturbances and treat symptomatically. 11 DESCRIPTION

The active ingredients contained in SUFLAVE are provided in Table 3. **Table 3: Active Ingredients in SUFLAVE**

lime flavor, malic acid, neotame, and sucralose.

20 to 84 years (median age 58 years) and 54% were female. The racial distribution was 70% White, 27% African-

SUFLAVE™ (Soo-FLAVE) (polyethylene glycol 3350, sodium sulfate, potassium chloride, magnesium sulfate, and sodium chloride for oral solution)

Serious loss of body fluid (dehydration) and changes in blood salts (electrolytes) in your

- abnormal heartbeats that can cause death. seizures. This can happen even if you have never had a seizure.
- have heart problems.
- drugs (NSAIDs). Tell your healthcare provider right away if you have any of these symptoms of a loss of
- dizziness headache See "What are the possible side effects of SUFLAVE?" for more information about side
- helps your healthcare provider see the inside of your colon more clearly during your
- Before taking SUFLAVE, tell your healthcare provider about all of your medical have problems with serious loss of body fluid (dehydration) and changes in blood salts (electrolytes).
- are withdrawing from drinking alcohol or from taking benzodiazepines.
- are breastfeeding or plan to breastfeed. It is not known if SUFLAVE passes into your breast milk. You and your healthcare provider should decide if you will take SUFLAVE while
- over-the-counter medicines, vitamins, and herbal supplements.
- medicines for blood pressure or heart problems.
- tetracycline
- Ask your healthcare provider or pharmacist for a list of these medicines if you are not sure if you are taking any of the medicines listed above.
- The following medicines should be taken at least 2 hours before starting each dose of
 - Know the medicines you take. Keep a list of them to show your healthcare provider and pharmacist when you get a new medicine.