Durabase Cream

Catalog Number B4514

Durabase Cream is a versatile base with an elegant texture and broad uses. The product is designed for long shelf life and temperature stability, providing a superior alternative to PLO's. Its broad API solubility and stability make it an excellent choice of a range of compounding formulations.

Why Choose Durabase Cream?

- Efficacious active drug absorption
- In vitro transdermal penetration & API compatibility
- \cdot Temperature stable & shelf stable
- Hydrophilic compatibility high levels of ionic powders can be directly incorporated
- Lipophilic compatibility moderate levels of oil-soluble powders can be levigated with glycerin,
- propylene glycol, polyethylene glycol (PEG) 300 or 400, or alcohol
- Cosmetically elegant not tacky or sticky
- Natural ingredients resulting in less irritation

Durabase Cream Properties:

рН	7.0
Specific Gravity	1.00 g/mL
Viscosity	300,000 cps
Physical Form	Heavy Cream
Color	Light Beige
Transdermal Penetration	++++
API Compatibility	Hydrophilic 35% & Lipophilic 10% - Total API Load - 35%
Typical Applications	Pain Management, Sports Medicine, Veterinary Medicine



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Durabase Cream

Durabase Cream is a ready-to-use transdermal cream base providing an elegant alternative to traditional PLOs. It is uniquely designed with a long shelf life and is temperature stable. It will not separate in the presence of high levels of ionic substances or when refrigerated. Added emulsifiers and hydrocolloids provide a chemical penetration enhancer (CPE) value superior to a PLO. Durabase Cream is cosmetically elegant and compatible with both hydrophilic and lipophilic APIs allowing for compounding flexibility.

Sample Formulas

BLT:	Lorazepam:	Pain Management Cream:
Benzocaine 20%	Lorazepam 0.5%	Baclofen 2%
Lidocaine 6%	Durabase Cream qs 100%	Diclofenac 3%
Tetracaine 4%		Gabapentin 3%
Durabase Cream qs 100%		Citric Acid 2%
		Durabase Cream qs 100%

Beyond-Use-Date (BUD)

Active Ingredient	BUD	
Amitriptyline HCl – 2%	90 Days	
Benzocaine – 20%	90 Days	
Clomipramine HCl – 5%	90 Days	
Cyclobenzaprine HCl – 2%	90 Days	
Diphenhydramine HCI – 10%	90 Days	
Fluoxetine HCI – 5%	90 Days	
Gabapentin — 6%	90 Days	
Ketoprofen — 10%	90 Days	
Lidocaine — 10%	% 90 Days	
Methimazole – 5% 90 Days		
Metronidazole – 2%	90 Days	
Promethazine – 5%	90 Days	
Tetracaine HCI – 4%	90 Days	

Item No.	NDC No.	Size
B4514-500GM	49452-0866-01	500 g
B4514-4.5KG	49452-0866-02	4.5 kg
B4514-18KG	49452-0866-03	18 kg

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	-spectrum [®] -	Ingredients: Butylene Glycol, Cetzerth-30 Cet
First a	CHEMICAL MFG CORP	Alcohol, Diazolidinyl Lirea, Dimetricare Usua Churcerol, Dilaurate, Indoorcovnil Bolicata
NORE: This natarial has been evaluated NYSSEA oriena and is not classified as	54544	Palmitate, Magnesium Auminum sozeuker Methylinaraben, Phospholipids, Popylare Giol
tarbs. Al chemicals may pose unknown tarb ad must be used with caution,	B4514 500 G	Stearyl Alcohol, Water, Wheet Gern UL
a prove protection and safe handling	Durabase™	Use: Temperature and shell stable bit or of active ingredients.
instead of the second s	Cream Base	Viscosity
auto cours seek medical attention.	Clean Dase	State of the second sec
trateral use only. Combining with other as subrecommended.		Pharmacist instructures, down incorporated at the desired concentration for water to produce a lobor with sufficient non
Terrier Does not separate upon Region or in the presence of ionic	CAUTION: For manufacturing, processing or	the emulsion is maintained.
utarize. Easily washed off skin when	repacking. Read and understand the label and Safety Data	Store in cool dry place. Do not freese.
IEEP FROM CHILDREN	Sheet (SDS) prior to use.	
	Chemical Emergency: (800)424-9300	G 1/4GHS
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