



Amoli Organics Pvt. Ltd.

Regd. Office & Factory : Plot No.: 322/4, 40 Shed Area, G.I.D.C., Vapi - 396 195. Gujarat

Phone : (0260) 2400383, 2400882 Fax : (0260) 2401982

E-mail : vapi@amoliindia.com

Sildenafil Citrate

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MATERIAL SAFETY DATA SHEET

SECTION - I : MATERIAL IDENTIFICATION & USE

Name of material	<i>Sildenafil Citrate</i>
Chemical Name	<i>1-(4-Ethoxy 3-(6,7-dihydro-1-methyl-7-oxo-3-propyl-H-pyrazolo [3,4-d] pyrimidin-5-yl) phenylsulphonyl]4-methyl piperazine citrate salt.</i>
Molecular Wt.	<i>666.70</i>
Molecular formula	<i>C₂₈H₃₀O₁₁N₆S</i>
Chemical Category	<i>Piperazine derivative</i>
Therapeutic category	<i>Erectile dysfunction</i>
Action & Use	<i>Erectile dysfunction</i>

SECTION II : HAZARDOUS INGREDIENT INFORMATION

Hazardous ingredient	<i>Sildenafil Citrate</i>
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SECTION III : HAZARDOUS INFORMATION

Physical state	<i>Solid</i>
Appearance	<i>A white to offwhite crystalline powder.</i>
Characteristic	<i>Sparingly soluble in glacial acetic acid. Slightly soluble in methanol. Very slightly soluble in water</i>
Inflammability	<i>None</i>
Flash point	<i>Not known, melts at 191-202°C</i>
Lower explosive limit	<i>Not applicable</i>
Upper explosive limit	<i>Not applicable</i>
Auto - Ignition temperature	<i>Not applicable</i>
Hazardous products of combustion	<i>Emits toxic fumes on combustion</i>
Sensitivity to static discharge	<i>Not applicable</i>

SECTION IV : FIRST AID MEASURES

- If inhaled remove to fresh air
- If not breathing give respiration
- For eye irritation immediately flush eye with excess water over eye wash

SECTION V : FIRE FIGHTING MEASURES

IN-FLAMMABILITY : Material is not highly inflammable or explosive

FIRE HAZARD : It burns at sufficiently high temperature

FIRE FIGHTING : Use excess water to extinguish the fire

SECTION VI : ACCIDENTAL RELEASE MEASURES

Take the patient away from accident place

If inhaled remove to fresh air and allow to relax

If not breathing give respiration and immediate call the physician

For body contact, remove contaminated clothes do the and take shower bath

For eye irritation immediately flush with excess water

SECTION VII : HANDLING & STORAGE

Use hand gloves, Nose mask apron, goggles while handling



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Use S.S. Scoop for sampling & dispensing

Store at room temperature, protected from direct sunlight in individually sealed double HMHD polythene bags; kept in polythene lined fibre board drums

SECTION VIII : EXPOSURE CONTROL / PERSONAL PROTECTION

Use hand gloves, nose mask, apron & goggles to avoid excess exposure

Use S.S. Scoop for sampling to avoid direct contact

SECTION IX : PHYSICAL & CHEMICAL PROPERTIES

A white to off white crystalline powder.

Slightly soluble in methanol, sparingly soluble in glacial acetic acid, very slightly soluble in water.

Produce toxic gas on combustion

SECTION X : STABILITY & REACTIVITY

Stable at room temperature

To be kept away from light & humidity

SECTION XI : TOXICOLOGICAL INFORMATION TO THE SKIN

Direct contact may cause irritation to the skin

Inhalation causes irritation to the mucous membrane

Route of entry :

Skin contact, Eye contact, Inhalation acute, Ingestion

SECTION XII : ECOLOGICAL INFORMATION

SECTION XIII : DISPOSAL CONSIDERATIONS

In compliance with government rules and regulations for disposal of waste

SECTION XIV : TRANSPORT INFORMATION

Packed in sealed fibre container containing individually sealed HMHD polythene bags, labeled appropriately

SECTION XV : REGULATORY INFORMATION

Pharmacopoeia : European Pharmacopoeia, British Pharmacopoeia

Chemical Registry No. : 139755-83-2

Manufacturing under drug license No. G/1121

SECTION XVI : OTHER INFORMATION

Manufacture -

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Mumbai - 400 021

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