eal reason Mary-Kate Olsen is in rehab:

Friends say they saw her taking the lethal drug

he ENQUIRER has ripped the lid off the real reason Mary-Kate Olsen sought treatment at a rehab center—she's secretly addicted to cocaine!

The brunette actress —
who just turned 18 along
with her famous twin
Ashley — got hooked
after using coke for a
year to help her "lose
weight," sources close to
the Olsens told The
ENQUIRER exclusively.

Published reports have speculated that scarecrow-skinny Mary-Kate entered rehab to get therapy for the eating disorder anorexia — and the twin's longtime publicist "categorically denied" drugs were involved in her rehab stay.

But an exhaustive ENQUIRER investigation has revealed the real story:

TREATMENT

Olsen discovered cocaine in Mary-Kate's bedroom the day after their high school graduation — and rushed her into rehab.

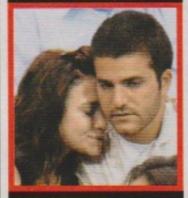
 There was a race against the clock to check Mary-Kate into treatment because she was days short of turning 18 when she could have legally resisted a rehab stay.

 Mary-Kate entered not one, but TWO, treatment centers — first in Georgia, then another in Utah.

 The troubled teen's weight once dipped as low as 77 pounds and she has been getting help for



MARY-KATE, left, and sister Ashley graduate from Campbell Hall in North Hollywood.



DAVID KATZENBERG, Mary-Kate's boyfriend: she's ready to call it quits.

her problems since early 2003.

"The Olsen family doesn't want anyone to know Mary-Kate is in rehab for drugs, so they're playing up the eating disorder problem," a close friend of the teenage star told The ENQUIRER.

"But Mary-Kate is definitely

'I was shocked, but she'd been doing cocaine heavily since last summer' a cocaine addict." And it was her eating disorder that triggered her drug habit to spiral out of control.

"Everyone close to Mary-Kate has known for a long time that she secretly suffers from anorexia," said the close friend of the teen star.

WALKING SKELETON

"In the winter of 2003, she got so skinny that she looked like a walking skeleton. She weighed about 77 or 78 pounds.

"But when she came back to school, I knew she'd been in some kind of rehab because she'd gained at least 10 pounds.

"After a few days Mary-Kate admitted to me, 'I had a problem, but I'm much better now."

While Mary-Kate denied rumors that she was anorexic, eyewitnesses were shocked by her bony figure at an April 29 Hollywood affair.

At the time, experts estimated that the 5-foot-2 actress weighed just 95 pounds. Shockingly, behind the scenes she was using coke to stay slim.

"I saw her do cocaine," her close friend revealed.

"When I asked her about it, she said, I'm doing coke to help me stay thin. The whole point of doing cocaine is to lose weight."

"I was shocked, but she'd been doing cocaine heavily since last summer.

"And it wasn't like she was doing it just when people offered it to her. She bought it regularly and used it all the time.

"She didn't even try to hide it from her friends. She'd do it in front of everyone."

The spaced-out star even