

DATE OUT:

SUBJECT: STORAGE STABILITY (830.6317) & CORROSION CHARACTERISTICS
(830.6320) REVIEW
ACCELERATED STUDY ; ONE YEAR STUDY ;
MP EP EUP
DP BARCODE No.:354432 REG. No.: 264-862
DECISION No.: 396117 MRID No(s): 474479-01
PRODUCT NAME: PROSARO 421 SC FUNGICIDE
COMPANY: BAYER CROPSCIENCE LP

FROM: William Herald / Reviewer *W Herald*
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I. CONCLUSIONS:

STORAGE STABILITY (830.6317):
 ACCEPTABLE
 UNACCEPTABLE*
 UPGRADEABLE*

40CFR158.190 DATA REQUIREMENT: SATISFIED NOT SATISFIED

CORROSION CHARACTERISTICS (830.6320):
 ACCEPTABLE
 UNACCEPTABLE*
 UPGRADEABLE*

40CFR158.190 DATA REQUIREMENT: SATISFIED NOT SATISFIED

* If unacceptable or upgradeable describe the deficiency and provide recommendations

Comments & Recommendations:

II. STUDY SUMMARY

A. STUDY CONDUCTED UNDER US GLP/OECD GUIDELINES

Yes

No

B. PRODUCT INFORMATION

Active ingredient(s): Prothioconazole and Tebuconazole

Label claims Nominal concentrations (%): 19.0%Prothioconazole and 19.0% Tebuconazole

Initial concentration(s) of the AI(s) (%) used in the study: 19.2%Prothioconazole and 19.8% Tebuconazole

Lower certified limits (%) based on AI % in the study: 18.24%Prothioconazole and 18.81% Tebuconazole

C. EXPERIMENTAL PARAMETERS

Temperature: Ambient warehouse temperatures in Kansas City, MO.

Duration of study: 1 year.

Type of container: HDPE jugs.

Analysis at intervals: 0 (initial);

3 months; 6 months

9 months; 12 months

D. ANALYTICAL METHOD

Method	DETECTOR
High Pressure Liquid chromatography (HPLC)	UV/VIS 225nm

E. RESULTS :

- 1. After storage at ambient temperatures for 12 months the reported data for the AIs% are well within the statutory parameters required in Title 40 CFR § 158.350.**
- 2. There were no reported impurities during any point of the study.**
- 3. The report recites that there were no observed corrosive effects from the product on the packaging; no significant changes in physical properties occurred that would effect safe handling and use of the product according to label directions.**
- 4. The reports touts that a "Shelf life of at least two years can be expected". However, the study was for only conducted one year.**