1) The toxicity data considered are as follows:

- acute rat oral LD_{50} (PP #1F1024)
- acute dog oral LD_{50} (PP #1F1024)
- acute rabbit dermal LD_{50} (PP #1F1024)
- rabbit eye irritation (PP #1F1024)
- acute rabbit inhalation LD_{50} (PP #1F1024)
- rabbit teratogenic (PP #9F0743)

16 week Dog Feeding
4 month Dog Feeding (#200-198)
2 Year Dog Feeding
2 Year Rat Feeding (#200-206)
2 Year Rat Feeding (#200-154)
18 Month Rat Feeding (#200-175)
2 Year Rat Feeding (#200-205)
3 Generation Rat Reproduction (#200-155)
3 Generation Rat Reproduction (#200-150)

Metabolite Data (DAC - 3701-14-hydroxy-2, 5, 6-trichloroisophthalonitrilel)

- Acute Rat Oral LD_{50} (S-D Rats)
- Acute Dog Oral LD_{50} (PP #2F1230 (293-021)
- Acute Rat Oral LD_{50} (PP #2F1230 (293-004)
- 14 month Rat Feeding PP #2F1230 (#24-051)
- 90 Day Dog Feeding PP #2F1230 (#24-052)
- 3 Generation Rat Reproduction PP#2F1230

- female 242 mg/kg
- male 422 mg/kg
- 100 mg/kg
- 332 mg/kg
- NEL 100 ppm
- NEL < 50 ppm
- NEL Not established
Host-Mediated Assay PP #6F1799 (99% pure): negative

In Vivo Cytogenetic In Mice PP #6F1799 (99% pure): Negative

Mice Dominant Lethal Test PP #6F1799 (99% pure): A significant increase in early deaths at week 3 of mating (spermatid stage) was noted at 6.5 mg/kg/day.

Mice Dominant Lethal Test PP #6F1799 (99% pure): incomplete data provided.

Rat Dominant Lethal Test PP #6F1799: negative at 8 mg/kg (5 daily oral doses) and at a single dose of 8 mg/kg (99% pure) (Lab #24-101).

Rabbit Teratology (Lab #293-032a) (PP #6F1799): negative at 5.0 mg/kg/day

73 Week Rat Feeding (Lab #8180-70) (PP #6F1799) (99% pure): NEL > 200 ppm study does not satisfy the oncogenic protocol due to length of study.

Three Generation Rat Reproduction (PP #6F1799) (99% pure): study is considered invalid due to numerous conflicting data, poor reporting, missing data and etc. Dr. Budny of Diamond Shamrock Chemical Co. agreed to this classification.

2. A second oncogenic study has not been provided.

3. Toxicology has recommend against establishing any of the pending tolerances (see memo of 1/27/77 from R. Coberly to Patricia Critchlow).

4. Existing Tolerances: § 180.275
15 ppm in or on celery
5. ppm in or on broccoli, brussels sprouts, cabbage, cauliflower, cucumbers, melons, onions (green), pumpkins, snap beans, squash (summer and winter) and tomatoes.
3.0 ppm in or on passion fruit
1.0 ppm in or on carrots and sweet corn (kernels plus cob with husks removed).
0.5 ppm in or in onions (dry bulb).
0.3 ppm in or on peanuts
0.1 ppm in or on potatoes

5. The presently existing tolerances will contribute residues to the diet equal to the allowable daily intake (ADI). The requested tolerances in turnip greens, chicory, and mustard greens will not contribute a significant amount (approx. 0.016 mg/day) to the daily diet. The tolerance request in escarole will add 0.1mg/day of the chemical to the diet.

If these tolerances are granted the ADI will be exceeded by 11%.

6. It was revealed during the Jan. 12, 1977 R. Coberly review of Pesticide Petition No. 6F1799 that the previously listed of 120 ppm in the dog had...
been downgraded by Dr. E. Long to 60 ppm due to questionable effects at 120 ppm. Accordingly, the ADI was lowered from 0.03 mg/kg body weight to 0.015 mg/kg body weight and the NPI to 0.9 mg/day/60 kg man. A safety factor of 100 was used.

7. A data gap exist which consist of a second oncogenic study.

8. The requested tolerances currently in house ie: PP #7E1887 should be considered in the overall tolerance action.