[redacted]

FYI-94-[illegible]
INIT 07/14/94

UNIROYAL

84940000111

FYI-0794-00011

UNIROYAL CHEMICAL
Division of UNIROYAL, Inc.
Spencer Street
Naugatuck, Connecticut 06770

Contains No CBI

TKB - Sodium Salt (UNIROYAL Name)

CAS Number: 63451-40-1
CAS Name : 4-(Phenylimino)-2,5-cyclohexadien-1-one oxime, sodium salt

1. As this substance is manufactured only for internal use as an intermediate, literature such as technical bulletins is not available.

2. Our annual production is in the range of 10-50M lbs. We don't foresee any major trends in production volume.

3. Up to 30 people may be involved in the production of this intermediate. This number doesn't represent man years as other manufacturing operations are conducted by the same work force.

   The process is essentially a closed system. Several reactions are involved starting with diphenylamine. The TKB-sodium salt is used exclusively to make p-amino-diphenylamine which is an intermediate for a large family of antioxidants.

   As the TKB-sodium salt process involves liquid state reactions which are not isolated, there is little routine worker exposure. Protective equipment or engineering controls are used as warranted. The entire manufacturing operation is regularly monitored by our Industrial Toxicology Department.

4. The substance is used internally as a site limited intermediate.

5. There is no significant release of the substance into the environment during its manufacture. Certain process solvents are recovered and recycled. Any small amounts of waste products are disposed of by authorized procedures.

6. We do not have any toxicological reports on this substance. Our production experience has not indicated any adverse health or environmental effects.

RECEIVED
OPPT CBIC
94 JUL 14 AM 9:21

RJD/eac
2/13/84

0 0 0 3