

Document: 1 of 92

ACCN 935951

RPNO B 93-620

TITL Micronized SARAN Resin 506: 13-Week Aerosol Toxicity Study with Male
Rats (Released)

AUTH Nitschke KD Kociba RJ Keyes DG Yano BL Weiss SK Schuetz DJ

RPDT 931201

PGNO 63

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ABST Male Fischer 344 rats were exposed to aerosols containing 0, 5, 12 or 25 mg/m³ micronized SARAN* resin 506 (a copolymer of vinyl chloride and vinylidene chloride) for 6 hours/day, 5 days/week for 13 weeks. The test material was aerosolized and passed through a cyclone to remove the large particles prior to reaching the animals. The mass median aerodynamic diameter (MMAD) and geometric standard deviation of the aerosol was 3 micrometers plus or minus 3, respectively. Ten animals/exposure level were necropsied after the last exposure of the test material. Remaining animals (10/exposure level/sacrifice) were necropsied 13 or 26 weeks later. There were no adverse effects observed based on body weights, clinical observations or clinical pathology studies. Foreign particles, considered to be micronized SARAN resin 506 particles, were observed at each necropsy in an exposure-related pattern within the lungs of rats exposed to 5, 12 or 25 micrograms/m³. These foreign particles were being phagocytized by alveolar macrophages and cleared from the lung by normal physiologic defense mechanisms. A minor inflammatory reaction, consisting of mononuclear and polymorphonuclear cells, was observed in rats exposed to 25 micrograms/m³. No evidence suggesting a progressive, fibrogenic or proliferative pulmonary response was observed in rats exposed to concentrations as high as 25 micrograms/m³ at any of the time intervals evaluated. Thus, the respiratory tract response to the aerosol was consistent with that typically observed with nuisance dusts and the no-adverse-effect level was 12 micrograms/m³ for the respirable fraction of micronized SARAN resin 506. *Trademark of The Dow Chemical Company

INDX AEROSOLS

BODY WEIGHT

CLINICAL SIGNS

HISTOPATHOLOGY

NECROSCOPY

ORGAN

PATHOLOGY

RAT

TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

01856888B SARAN 506

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R&S 140162

ACCN 925719

RPNO DET 1929

TITL Butene-2: Reverse Mutation Assay "Ames Test" Using Salmonella Typhimurium

AUTH Thompson PW Verschuuren HG

RPDT 920922

PGNO 25

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ABST Salmonella typhimurium strains TA1535, TA1537, TA98 and TA100 were treated with Butene-2 by the Ames plate incorporation method at five atmospheres of various concentrations, in triplicate, both with and without the addition of a rat liver homogenate metabolizing system at 10% in standard co-factors. The concentration ranged from 10 to 80%. The experiment was repeated on a separate day using fresh cultures of the bacterial strains. The method used conforms with the OECD Guidelines for the Testing of Chemicals, Protocol No. 471 and also with Method B14 in Commission Directive 84/449/EEC. The control plates (clean dry air) gave counts of revertant colonies within the normal range. All the standard positive control chemicals produced statistically significant increases in the number of revertant colonies, both with and without the metabolizing system. The gaseous positive control, vinyl chloride, produced increases in the number of TA1535 and TA100 revertants both with and without S9. Butene-2 caused a reduction in the growth of the bacterial lawn at the highest concentration in all of the strains of Salmonella. Butene-2 was, therefore, tested up to its toxic limit. No significant increase in the numbers of revertant colonies was recorded for any of the bacterial strains with any concentration of Butene-2 either with or without metabolic activation. Butene-2 was found to be non-mutagenic under the conditions of this test.

INDX AMES TEST

LIVER

MUTATION

RAT

SALMONELLA

TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

00999199B 2-BUTENE, (Z)-

00999202B 2-BUTENE, (E)-

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ACCN 916345

RPNO OAR 88-503

TITL Digest of Polymer Developments - Polyvinyl Chloride A Triannual Report Series II, Number 46-47

AUTH Springborn Laboratories

RPDT 880301

PGNO 126

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ABST Contains the following sections: PVC - An Accepted Building Material;

R&S 140163

Polyvinyl Chloride (PVC): Economic and Commercial Status, Technology;
Plasticizers: Commercial Aspects, Technology, Plasticizer Environmental
and Health Aspects; Processing Aids and Impact Modifiers: Commercial
Aspects, Technology; Vinyl Chloride Monomers and Feedstock: Supply and
Demand, Plant Capacities and Expansions, Technology; Bibliography

INDX BLENDS
CAPACITY
ECONOMICS
IMPACT STRENGTH
LUBRICANTS
MARKETING RESEARCH
PLASTICIZERS
POLYMERIZATION
PRODUCT CONSUMPTION
PRODUCTION
TECHNOLOGY

CHEMICAL TERMS (DR #'s and Chemical Names)

00018531 ETHANE: 1,2-DICHLORO-
00067834 CHLORINE
00249445 ETHENE: CHLORO-, HOMOPOLYMER
01141986 ETHENE: CHLORO-

Document: 4 of 92

ACCN 896274
RPNO B 89-667
TITL Vinyl Chloride: Results of Two Short-Term Inhalation Studies (Released)
AUTH Johnson KA Yakel HO McCollister SB
RPDT 891106
PGNO 46
COPY DOW CONFIDENTIAL
INDX HAMSTER
HISTOPATHOLOGY
INHALATION TOXICITY
MORTALITY
MOUSE
NECROSCOPY
PATHOLOGY
RAT

CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

Document: 5 of 92

ACCN 896273
RPNO B 89-666
TITL 30-Day Inhalation Study of Vinyl Chloride in Mice and Hamsters
(Released)
AUTH Yakel HO McKenna MJ McCollister SB

R&S 140164

CRID

CRI REPORTS 1937 to Present

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RPDT 891106
PGNO 9
COPY DOW CONFIDENTIAL
INDX BODY WEIGHT
HAMSTER
INHALATION TOXICITY
MOUSE

CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

Document: 6 of 92

ACCN 896272
RPNO B 89-665
TITL Effect of Ethanol on the Fate of Vinyl Chloride in Rats (Released)
AUTH Watanabe PG Zempel JA Gehring PJ McCollister SB
RPDT 891106
PGNO 20
COPY DOW CONFIDENTIAL
INDX HPLC
INHALATION TOXICITY
METABOLISM
ORAL
RAT

CHEMICAL TERMS (DR #'s and Chemical Names)
00023916B ETHANOL
01141986B ETHENE: CHLORO-
01581459B ETHENE-14C: CHLORO-

Document: 7 of 92

ACCN 896069
RPNO B 89-612
TITL Liver and Biliary Tract Cancer Among Chemical Workers (Published)
AUTH Bond GG McLaren EA Sabel FL Bodner KM Lipps TE Cook RR
RPDT 891107
PGNO 25
COPY DOW CONFIDENTIAL
INDX BROMINE COMPOUNDS
CANCER
CHLORINATED ORGANIC COMPOUNDS
COMPUTER PROGRAM
DIOXINS
EPIDEMIOLOGY
GALLBLADDER
HUMANS
LIVER
MALES
MORTALITY

R&S 140165

SAS

FRTM BILIARY TRACT , CHLORINATED BIPHENYLS

CHEMICAL TERMS (DR #'s and Chemical Names)

00006371 PHENOL: 2,4,6-TRICHLORO-
00015849B METHANE: DICHLORO-
00015872B ETHANE: 1,2-DIBROMO-
00018531B ETHANE: 1,2-DICHLORO-
00023609B METHANE: TRICHLORO-
00023654B METHANE: TETRACHLORO-
00023687B ETHANE: 1,1,2-TRICHLORO-
00023698B ETHENE: TETRACHLORO-
01141986B ETHENE: CHLORO-

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ACCN 890548

RPNO BRF 89

TITL Superbarrier in Rigid Retortable Containers with Vinyl Chloride SARAN
Copolymer Barrier LayersAUTH Anderson SL Cassiday MD Debney MF DeLassus PT Kling TJ Trainor RL
Williams TL

RPDT 890116

PGNO 20

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INDX BODY WEIGHT

CLINICAL BIOCHEMISTRY

CLINICAL SIGNS

DIET

DOSAGE

FEED CONSUMPTION

LIVER

ORAL TOXICITY

RAT

FRTM LAB 058

CHEMICAL TERMS (DR #'s and Chemical Names)

02102650B BENZAMIDE: N-(((3,5-DICHLORO-4-(1,1,2,
2-TETRAFLUOROETHOXY) PHENYL) AMINO) CARBONYL)-2,
6-DIFLUORO-

Document: 9 of 92

ACCN 881251

RPNO B 88-052

TITL Executive Summary: Update to Vinyl Chloride Mortality Study

AUTH Dahar WS Bond GG McLaren EA Sabel FL Lipps TE Cook RR

RPDT 880128

PGNO 8

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INDX CANCER

R&S 140166

CRID

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Apr 29, 1996

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INDUSTRIAL HYGIENE
MORTALITY
PERSONNEL

FRTM MICHIGAN DIVISION
CHEMICAL TERMS (DR #'s and Chemical Names)
01141986 ETHENE: CHLORO-

Document: 10 of 92

ACCN 881250
RPNO B 88-051
TITL An Update of Mortality Among Chemical Workers Exposed to Vinyl Chloride
AUTH Dahar WS Bond GG McLaren EA Sabel FL Lipps TE Cook RR
RPDT 880128
PGNO 25
COPY DOW CONFIDENTIAL
INDX CANCER
INDUSTRIAL HYGIENE
MORTALITY
PERSONNEL

CHEMICAL TERMS (DR #'s and Chemical Names)
01141986 ETHENE: CHLORO-

Document: 11 of 92

ACCN 873633
RPNO PE TM 53-75
TITL Symposium on Industrial Health Aspects of VCL/PVC
AUTH Merdler L
RPDT 750401
PGNO 6
COPY DOW CONFIDENTIAL
INDX ANALYSIS
GOVERNMENT REGULATIONS
INDUSTRIAL HYGIENE

CHEMICAL TERMS (DR #'s and Chemical Names)
01141986 ETHENE: CHLORO-

Document: 12 of 92

ACCN 850627
RPNO B 85-026
TITL ALIPHATIC CHLORINATED HYDROCARBONS
AUTH TORKELSON TR
RPDT 850111
PGNO 46
COPY DOW CONFIDENTIAL

INDX ALIPHATIC HYDROCARBONS
CHLORINATED HYDROCARBONS
DERMAL TOXICITY
DOG
EYE IRRITATION
GUINEA PIG
HUMANS
INHALATION TOXICITY
LD-50
MUTAGENS
ORAL TOXICITY
RAT
REVIEWS
TOXICOLOGY

CHEMICAL TERMS (DR #'s and Chemical Names)

00007841B ETHANE: PENTACHLORO-
00015849B METHANE: DICHLORO-
00015883B ETHANE: 1,1,1-TRICHLORO-
00015894B ETHANE: 1,1-DICHLORO-
00015918B 1-PROPENE: 2-CHLORO-
00015929B 1-PROPENE: 3-CHLORO-
00018531B ETHANE: 1,2-DICHLORO-
00019943B PROPANE: 1,2-DICHLORO-
00020586B 1,3-BUTADIENE: 2-CHLORO-
00020611B ETHENE: 1,1-DICHLORO-
00023609B METHANE: TRICHLORO-
00023632B ETHANE: 1,1,2,2-TETRACHLORO-
00023643B ETHANE: HEXACHLORO-
00023654B METHANE: TETRACHLORO-
00023665B ETHENE: 1,2-DICHLORO-
00023687B ETHANE: 1,1,2-TRICHLORO-
00023698B ETHENE: TETRACHLORO-
00023701B ETHANE: CHLORO-
00023734B METHANE: CHLORO-
00049581B ETHANE: TETRACHLORO-
00060071B 1-PROPENE: 1,3-DICHLORO-
00092375B 1,3-BUTADIENE: 1,1,2,3,4,4-HEXACHLORO-
00695307B ETHYNE: DICHLORO-
01141986B ETHENE: CHLORO-
01141997B ETHENE: TRICHLORO-

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ACCN 844472

RPNO SCP 404

TITL DIFFERENTIAL SCANNING CALORIMETRY INVESTIGATION INTO BLENDS COMPOSED OF
ACRYLONITRILE / BUTADIENE / STYRENE TERPOLYMERS AND VINYL CHLORIDE SARAN
COPOLYMERS

AUTH BANYAY HR

RPDT 840611

PGNO 19

COPY DOW CONFIDENTIAL

INDX ANALYSIS

BLENDS

CALORIMETRY

CRYSTALLINITY

DIFFERENTIAL SCANNING CALORIMETRY

EYE IRRITATION

GLASS TRANSITION TEMPERATURE

IMPACT

MECHANICAL PROPERTIES

MIXTURES

MORPHOLOGY

PHYSICAL PROPERTIES

TENSILE PROPERTIES

TENSILE STRENGTH

TOUGHNESS

TOXICITY

TRANSITION TEMPERATURE

CHEMICAL TERMS (DR #'s and Chemical Names)

00075230 1,3-BUTADIENE, POLYMER WITH ETHENYLBENZENE AND
2-PROPENENITRILE01024299 ETHENE: CHLORO-, POLYMER WITH 1,
1-DICHLOROETHENE

01900181 SARAN 313

Document: 14 of 92

ACCN 842803

RPNC HEH IHM 83-25 IM 1463-1983

TITL INDUSTRIAL HYGIENE MONITORING METHOD: MONITORING VINYL CHLORIDE,
VINYLIDENE CHLORIDE, 1,1,1-TRICHLOROETHANE, 1,1,2-TRICHLOROETHANE, AND
ETHYLENE DICHLORIDE IN AIR (HEH IHM 83-25)

AUTH TAIT SR

RPDT 840213

PGNO 11

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INDX AIR

ANALYTICAL METHODS

CHROMATOGRAPHY

FLAME IONIZATION DETECTORS

GAS CHROMATOGRAPHY

INSTRUMENTS

IONIZATION DETECTORS

CHEMICAL TERMS (DR #'s and Chemical Names)

00015883A ETHANE: 1,1,1-TRICHLORO-

00018531A ETHANE: 1,2-DICHLORO-

00020611A ETHENE: 1,1-DICHLORO-

00023687A ETHANE: 1,1,2-TRICHLORO-

01141986A ETHENE: CHLORO-

R&S 140169

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ACCN 834390

RPNO B 83-296

TITL ANALYSIS OF AGENCY ESTIMATES OF RISK FOR CARCINOGENIC AGENTS

AUTH COBLER JG HOERGER FD

RPDT 831004

PGNO 24

COPY DOW CONFIDENTIAL

INDX CARCINOGENESIS

ENVIRONMENTAL PROTECTION AGENCY

FOOD AND DRUG ADMINISTRATION

GOVERNMENT REGULATIONS

RISK

FRTM OCCUPATIONAL SAFETY AND HEALTH ACT

CHEMICAL TERMS (DR #'s and Chemical Names)

00015963 METHANE: OXYBIS(CHLORO-

00023609 METHANE: TRICHLORO-

00023698 ETHENE: TETRACHLORO-

00024204 FORMALDEHYDE

00025058 BENZENE

00033590 GLYCINE: N,N-BIS(CARBOXYMETHYL)-

00103059 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,
1-DIOXIDE

00104938 BENZENEACETIC ACID: 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-
HYDROXY-, ETHYL ESTER

00127424 CYCLOHEXANE: 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,
3BETA,4ALPHA,5ALPHA,6BETA)-

01031170 2-PROPENENITRILE

01141986 ETHENE: CHLORO-

01847296 1,3-BENZENEDIAMINE: 4-METHOXY-

02413958 ACETIC ACID, LEAD SALT

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ACCN 831084

RPNO CSA 181

TITL VALIDATION OF AN INDUSTRIAL HYGIENE METHOD FOR MONITORING LIGHTER
CHLORINATED HYDROCARBONS IN THE AIR

AUTH MACLAUHLAN J MITCHELL K

RPDT 820600

PGNO 38

COPY DOW CONFIDENTIAL

INDX ADSORPTION

AIR

ANALYTICAL METHODS

CHLORINATED HYDROCARBONS

CHROMATOGRAPHY

GAS CHROMATOGRAPHY

HALOGENATED HYDROCARBONS

R&S 140170

MONITORING
SORPTION

FRTM LAB 171

CHEMICAL TERMS (DR #'s and Chemical Names)

00015849A METHANE: DICHLORO-
00015883A ETHANE: 1,1,1-TRICHLORO-
00015894A ETHANE: 1,1-DICHLORO-
00018531A ETHANE: 1,2-DICHLORO-
00019943A PROPANE: 1,2-DICHLORO-
00023654A METHANE: TETRACHLORO-
00023687A ETHANE: 1,1,2-TRICHLORO-
00023698A ETHENE: TETRACHLORO-
00023701A ETHANE: CHLORO-
01141986A ETHENE: CHLORO-
01141997A ETHENE: TRICHLORO-
01260806 CHARCOAL

Document: 17 of 92

ACCN 821523

RPNO B 600-012-82

TITL APPLICATIONS OF PHARMACOKINETIC PRINCIPLES TO PROBLEMS IN INHALATION
TOXICOLOGY

AUTH LANDRY TD MCKENNA MJ MILLER RR RAMSEY JC WATANABE PG

RPDT 820111

PGNO 61

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INDX ANIMAL

BIOCHEMICAL REACTIONS

CHEMICAL REACTIONS

COMPARISON

HUMANS

INHALATION TOXICITY

KINETICS

MAMMAL

METABOLISM

MOUSE

PHARMACOKINETICS

RAT

REVIEWS

RODENT

TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

00009529B 1,4-DIOXANE
00020611B ETHENE: 1,1-DICHLORO-
00023698B ETHENE: TETRACHLORO-
01031034B BENZENE: ETHENYL-
01141986B ETHENE: CHLORO-

R&S 140171

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Apr 29, 1996

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ACCN 814069
RPNO B 600-300-81
TITL ENVIRONMENTAL IMPACT STATEMENTS
AUTH MOOLENAAR RJ
RPDT 810915
PGNO 100
COPY DOW CONFIDENTIAL
INDX ALKENES
DEGRADATION
ENVIRONMENT
HYDROCARBONS
NITRATES
NITRITES
PHYSICAL PROPERTIES
TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

00002879 BENZENE: ETHENYL-, HOMOPOLYMER
00007307 BENZENE: 1,1'-OXYBIS-
00011585 BENZENE: ETHYL-
00018531 ETHANE: 1,2-DICHLORO-
00020575 METHANE: DICHLORODIFLUORO-
00023518 1-PROPENE
00023541 ETHENE
00023734 METHANE: CHLORO-
00023938 METHANOL
00024055 1,2-ETHANEDIOL
00025025 UREA
00025058 BENZENE
00025070 BENZENE: METHYL-
00025183 1,1'-BIPHENYL
00066342 AMMONIA (NH3)
00067834 CHLORINE
00079914 SODIUM HYDROXIDE (NA(OH))
00376410 ETHENE, HOMOPOLYMER
01031034 BENZENE: ETHENYL-
01115419 PHENOL
01141975 OXIRANE
01141986 ETHENE: CHLORO-
01163242 ALPHA-OLEFINS

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ACCN 812320
RPNO B 600-160-81
TITL VINYL CHLORIDE EXPOSURES AND GUIDELINE/STANDARDS
AUTH DOSTAL RL SCHNEIDER EJ TORKELSON TR
RPDT 810605
PGNO 5
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Page 12

R&S 140173

INDX ECONOMICS
EXPOSURE
GOVERNMENT REGULATIONS
PERSONNEL
STANDARDIZATION

FRTM OCCUPATIONAL SAFETY AND HEALTH ACT
CHEMICAL TERMS (DR #'s and Chemical Names)
01141986 ETHENE: CHLORO-

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ACCN 810571
RPNO HET K-001711(29)
TITL VINYL CHLORIDE: RESULTS OF TWO SHORT-TERM INHALATION STUDIES
AUTH JOHNSON KA YAKEL HO
RPDT 810203
PGNO 43
COPY DOW CONFIDENTIAL
INDX ANIMAL
EXCRETORY SYSTEMS
HAMSTER
HISTOLOGY
HISTOPATHOLOGY
INHALATION TOXICITY
LESION
LIVER
MAMMAL
MOUSE
NECROSCOPY
ORGAN
PATHOLOGY
RAT
RODENT
TOXICITY

FRTM LAB 917 , PROBLEM 917-0000273
CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

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ACCN 804773
RPNO B 600-340-80
TITL CHAPTER 38, "HALOGENATED ALIPHATIC HYDROCARBONS CONTAINING CHLORINE,
BROMINE, AND IODINE"
AUTH ROWE VK TORKELSON TR
RPDT 801108
PGNO 349
COPY DOW CONFIDENTIAL
INDX ACUTE

ANIMAL
CARCINOGENESIS
EXPOSURE
HALOGENATED HYDROCARBONS
HEALTH
HYDROCARBONS
INDUSTRIAL HYGIENE
LITERATURE
MAMMAL
PHYSICAL PROPERTIES
RAT
REVIEWS
RODENT
TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

00006008B METHANE: TETRABROMO-
00006019B METHANE: BROMO-
00006020B METHANE: DIBROMO-
00006553B ETHENE: BROMO-
00007841B ETHANE: PENTACHLORO-
00015849B METHANE: DICHLORO-
00015872B ETHANE: 1,2-DIBROMO-
00015883B ETHANE: 1,1,1-TRICHLORO-
00015929B 1-PROPENE: 3-CHLORO-
00016228B METHANE: IODO-
00016240B ETHANE: BROMO-
00016251B PROPANE: 1-BROMO-
00018531B ETHANE: 1,2-DICHLORO-
00018542B PROPANE: 1-CHLORO-
00018553B PROPANE: 2-CHLORO-
00019943B PROPANE: 1,2-DICHLORO-
00020586B 1,3-BUTADIENE: 2-CHLORO-
00020611B ETHENE: 1,1-DICHLORO-
00023609B METHANE: TRICHLORO-
00023632B ETHANE: 1,1,2,2-TETRACHLORO-
00023643B ETHANE: HEXACHLORO-
00023654B METHANE: TETRACHLORO-
00023687B ETHANE: 1,1,2-TRICHLORO-
00023701B ETHANE: CHLORO-
00023734B METHANE: CHLORO-
00023778B METHANE: TRIBROMO-
00023789B ETHANE: 1,1,2,2-TETRABROMO-
00023814B ETHANE: IODO-
00038142B METHANE: TRIIDO-
00050657B METHANE: BROMOCHLORO-
00057250B PROPANE: 1,2-DIBROMO-3-CHLORO-
00060071B 1-PROPENE: 1,3-DICHLORO-
00088733B ETHENE: 1,2-DICHLORO-, (E)-
00088744B ETHENE: 1,2-DICHLORO-, (Z)-
00092375B 1,3-BUTADIENE: 1,1,2,3,4,4-HEXACHLORO-
00695307B ETHYNE: DICHLORO-
01141986B ETHENE: CHLORO-

R&S 140174

01141997B ETHENE: TRICHLORO-

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ACCN 803048
RPNO B 600-187-80
TITL VINYL CHLORIDE - INHALATION TERATOLOGY STUDY IN MICE, RATS, AND RABBITS
AUTH JOHN JA SCHWETZ BA SMITH FA
RPDT 800701
PGNO 28
COPY DOW CONFIDENTIAL
INDX ANIMAL
 EMBRYO
 FETUS
 INHALATION TOXICITY
 MAMMAL
 MOUSE
 ORAL TOXICITY
 POTABLE WATER
 RABBIT
 RAT
 RODENT
 TERATOGENESIS
 TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names) - - -

01141986B ETHENE: CHLORO-

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ACCN 802513
RPNO HET K-001711(31)
TITL PULMONARY EFFECTS OF VINYL CHLORIDE. COOPERATIVE STUDY NO. 3 WITH THE
 MT. SINAI SCHOOL OF MEDICINE, NEW YORK, NEW YORK
AUTH YAKEL HO
RPDT 800605
PGNO 5
COPY DOW CONFIDENTIAL
INDX ANIMAL
 BODY WEIGHT
 EXCRETORY SYSTEMS
 INHALATION TOXICITY
 LUNG
 MAMMAL
 MOUSE
 ORGAN
 RESPIRATORY TRACT
 RODENT
 TOXICITY

FRTM PROBLEM 917-0000324 , LAB 917

R&S 140175

CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

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ACCN 801828
RPNO HET 1.1-3(4)
TITL DISTRIBUTION OF A 100 PPM VINYL CHLORIDE TEST ATMOSPHERE IN AN
INHALATION CHAMBER CONTAINING RAT AND MOUSE RACKS WITH AND WITHOUT
PLASTIC DIVIDERS
AUTH MILLER RR YAKEL HO
RPDT 790717
PGNO 11
COPY DOW CONFIDENTIAL
INDX ANIMAL
EQUIPMENT TESTING
EXPOSURE
INHALATION TOXICITY
MAMMAL
MOUSE
RAT
RODENT

FRTM PROBLEM 204-0007500 , LAB 204
CHEMICAL TERMS (DR #'s and Chemical Names) _ _ _
01141986 ETHENE: CHLORO-

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ACCN 794881
RPNO B 600-279-79
TITL CHEMICAL CARCINOGENESIS (A LETTER TO THE EDITOR)
AUTH GEHRING PJ QUAST JF REITZ RH WATANABE PG
RPDT 790823
PGNO 8
COPY DOW CONFIDENTIAL
INDX ANIMAL
CARCINOGENS
EXCRETORY SYSTEMS
HUMANS
KIDNEY
KINETICS
LIVER
MAMMAL
METABOLITES
MOUSE
ONCOGENICITY
ORGAN
PHARMACOKINETICS
PHYSIOLOGICAL TOLERANCE
RAT

R&S 140176

CRID

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*** DOW CONFIDENTIAL ***Apr 29, 1996
Page 16RODENT
THRESHOLD LIMIT
URINARY TRACT

CHEMICAL TERMS (DR #'s and Chemical Names)

00023609B METHANE: TRICHLORO-

01141986B ETHENE: CHLORO-

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ACCN 794421
RPNO HET K-001711(27)
TITL 30-DAY INHALATION STUDY OF VINYL CHLORIDE IN MICE AND HAMSTERS
AUTH MCKENNA MJ YAKEL HO
RPDT 790717
PGNO 9
COPY DOW CONFIDENTIAL
INDX ANIMAL
HAMSTER
INHALATION TOXICITY
MAMMAL
MOUSE
RODENT
TOXICITYFRM LAB 917 , PROBLEM 917-0000182
CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

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ACCN 793748
RPNO ML AM 74-12
TITL ANALYTICAL METHOD: MONITORING PERSONNEL EXPOSURE TO VINYL CHLORIDE IN AN
INDUSTRIAL WORK ENVIRONMENT
RPDT 740417
PGNO 13
COPY DOW CONFIDENTIAL
INDX ANALYTICAL METHODS
CHROMATOGRAPHY
ECONOMICS
EXPOSURE
GAS CHROMATOGRAPHY
HEALTH
INDUSTRIAL HYGIENE
MONITORING
PERSONNELFRM LAB 070
CHEMICAL TERMS (DR #'s and Chemical Names)
01141986 ETHENE: CHLORO-

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ACCN 791654
RPNO SCP 239 LR
TITL OSHA MONOMER STANDARD COMPLIANCE
AUTH MEEKS MR
RPDT 790308
PGNO 3
COPY DOW CONFIDENTIAL
INDX ECONOMICS
GOVERNMENT REGULATIONS
HEALTH
INDUSTRIAL HYGIENE
MONITORING
PERSONNEL

FRM LAB 038 , OCCUPATIONAL SAFETY AND HEALTH ACT
CHEMICAL TERMS (DR #'s and Chemical Names)
00020611 ETHENE: 1,1-DICHLORO-
00095669 2-PROPENOIC ACID, METHYL ESTER
01031170 2-PROPENENITRILE
01141986 ETHENE: CHLORO-

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ACCN 791023
RPNO B 600-036-79
TITL INDUSTRIAL EPIDEMIOLOGY - A CASE STUDY OF VINYL CHLORIDE
AUTH COOK RR
RPDT 790215
PGNO 36
COPY DOW CONFIDENTIAL
INDX CARCINOGENESIS
EPIDEMIOLOGY
HUMANS
INHALATION TOXICITY
REVIEWS
TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

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ACCN 790358
RPNO B 600-487-78
TITL MORTALITY EXPERIENCE OF WORKERS IN A VINYL CHLORIDE MONOMER PRODUCTION
PLANT
AUTH BUFFER PA EIFLER C KILIAN DJ SUAREZ L WOOD S

R&S 140178

CRID

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RPDT 781107

PGNO 43

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INDX ANIMAL DISEASES

BIBLIOGRAPHIES

CANCER

ECONOMICS

EXCRETORY SYSTEMS

LUNG

MORTALITY

NEOPLASM

ORGAN

PERSONNEL

RESPIRATORY TRACT

REVIEWS

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986B ETHENE: CHLORO-

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ACCN 788170

RPNO B 600-444-78

TITL PERSPECTIVES ON CARCINOGENS

AUTH GEHRING PJ

RPDT 781109

PGNO 49

COPY DOW CONFIDENTIAL

INDX ANIMAL DISEASES

BIBLIOGRAPHIES

CANCER

CARCINOGENS

CHEMICAL COMPOUNDS

HAZARDS

HUMANS

MORTALITY

ORGANIC COMPOUNDS

REVIEWS

FRTM ANGIOSARCOMA

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986 ETHENE: CHLORO-

01536670 DEOXYRIBONUCLEIC ACID

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ACCN 787557

RPNO B 600-391-78

TITL THE TOXICOLOGY OF SOME COMMON CHLORINATED HYDROCARBON SOLVENTS AND
MONOMERS

AUTH ROWE VK

R&S 140179

CRID

CRI REPORTS 1937 to Present

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RPDT 770830

PGNO 43

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INDX BIBLIOGRAPHIES

CARCINOGENESIS

CHLORINATED HYDROCARBONS

HALOGENATED HYDROCARBONS

LITERATURE

REVIEWS

TERATOGENESIS

TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

00015849 METHANE: DICHLORO-

00015883 ETHANE: 1,1,1-TRICHLORO-

00018531 ETHANE: 1,2-DICHLORO-

00020611 ETHENE: 1,1-DICHLORO-

00023609 METHANE: TRICHLORO-

00023632 ETHANE: 1,1,2,2-TETRACHLORO-

00023654 METHANE: TETRACHLORO-

00023687 ETHANE: 1,1,2-TRICHLORO-

00023698 ETHENE: TETRACHLORO-

00023734 METHANE: CHLORO-

01141986 ETHENE: CHLORO-

01141997 ETHENE: TRICHLORO-

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ACCN 787041

RPNO B 600-353-78

TITL STIMULATION OF LYMPHOCYTE TRANSFORMATION IN SPLENIC CULTURES OF ANIMALS
EXPOSED TO VINYL CHLORIDE

AUTH GEHRING PJ KOCIBA RJ SHARMA RP YAKEL HO

RPDT 780415

PGNO 42

COPY DOW CONFIDENTIAL

INDX ANIMAL

ANIMAL TISSUE

ANTIBODIES

BIOCHEMICAL REACTIONS

BLOOD

BLOOD CELLS

BODY WEIGHT

CELL

CHEMICAL REACTIONS

CULTURE MEDIA

DEOXYRIBONUCLEIC ACIDS

HEMATOLOGY

IMMUNITY

INHALATION TOXICITY

LEUKOCYTE

LYMPHOCYTE

R&S 140180

CRID

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MAMMAL
METABOLISM
MOUSE
NUCLEIC ACIDS
ORGAN
RABBIT
RODENT
SPLEEN
SYNTHESIS
TRANSFORMATION

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986B ETHENE: CHLORO-

01933422 THYMIDINE-ALPHA, ALPHA, ALPHA-T3

Document: 34 of 92

ACCN 787019

RPNO B 600-363-78

TITL RISK OF ANGIOSARCOMA IN VINYL CHLORIDE WORKERS AS PREDICTED FROM STUDIES
IN RATS

AUTH GEHRING PJ PARK CN WATANABE PG

RPDT 780515

PGNO 23

COPY DOW CONFIDENTIAL

INDX ANIMAL

ANIMAL DISEASES

CANCER

EXPOSURE

FORECASTING

HUMANS

MAMMAL

RAT

RODENT

FRTM ANGIOSARCOMA

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986 ETHENE: CHLORO-

Document: 35 of 92

ACCN 786737

RPNO HET K-001711(22) PT. II

TITL ROLE OF VINYL CHLORIDE METABOLISM IN THE STIMULATION OF SPLENIC
LYMPHOCYTE TRANSFORMATION IN MICE

AUTH GEHRING PJ SHARMA RP

RPDT 780922

PGNO 23

COPY DOW CONFIDENTIAL

INDX ANIMAL

BIOCHEMICAL REACTIONS

BLOOD
BLOOD CELLS
CHEMICAL REACTIONS
IMMUNITY
LEUKOCYTE
LYMPHOCYTE
MAMMAL
METABOLISM
MOUSE
PHARMACEUTICALS
PSYCHOTROPICS
RODENT
STIMULANTS

FRTM PROBLEM 177-0007700 , IMMUNOSTIMULATION , LAB 177

CHEMICAL TERMS (DR #'s and Chemical Names)

00023916 ETHANOL
00029629 ACETIC ACID: 2,2'-THIOBIS-
01141986 ETHENE: CHLORO-
01598136 OXIRANE: CHLORO-

Document: 36 of 92

ACCN 786622

RPNO B 600-355-78

TITL SPLENIC LYMPHOCYTE TRANSFORMATION IN CULTURE AS A TOOL FOR
IMMUNOTOXICOLOGIC EVALUATION OF CHEMICALS

AUTH SHARMA RP

RPDT 780405

PGNO 42

COPY DOW CONFIDENTIAL

INDX AGE

ANIMAL
ANTIGENS
BIOCHEMICAL REACTIONS
BLOOD
BLOOD CELLS
CHEMICAL REACTIONS
CULTURE MEDIA
IMMUNITY
IMMUNOSUPPRESSION
LEUKOCYTE
LYMPHOCYTE
MAMMAL
METABOLISM
MOUSE
ORGAN
RODENT
SPLEEN
TOXICITY
TOXICOLOGY
TRANSFORMATION

R&S 140182

FRTM IMMUNOSTIMULATION

CHEMICAL TERMS (DR #'s and Chemical Names)

00003996B OXIRANE: PHENYL-
00029629B ACETIC ACID: 2,2'-THIOBIS-
00650986B DIBENZO(B,E)(1,4)DIOXIN: 2,3,7,
8-TETRACHLORO-
01031034B BENZENE: ETHENYL-
01141986B ETHENE: CHLORO-
01383795B CYSTEINE: N-ACETYL-S-(2-HYDROXYETHYL)-
01933422B THYMIDINE-ALPHA, ALPHA, ALPHA-T3

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ACCN 786567

RPNO HET K-001711(22) PT. I

TITL STIMULATION OF LYMPHOCYTE TRANSFORMATION IN SPLENIC CULTURES OF ANIMALS
EXPOSED TO VINYL CHLORIDE

AUTH GEHRING PJ KOCIBA RJ SHARMA RP YAKEL HO

RPDT 780922

PGNO 40

COPY DOW CONFIDENTIAL

INDX ANIMAL

BLOOD

BLOOD CELLS

GLOBULINS

IMMUNITY

IMMUNOGLOBULINS

INHALATION TOXICITY

LEUKOCYTE

LYMPHOCYTE

MAMMAL

MOUSE

PROTEINS

RABBIT

RODENT

R&S 140183

FRTM LAB 177 , PROBLEM 177-0007700

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986 ETHENE: CHLORO-

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ACCN 786297

RPNO NCT 6300

TITL HEAT OF REACTION OF SULFUR TRIOXIDE AND VINYL CHLORIDE MONOMER

AUTH DAVIES CL

RPDT 780918

PGNO 7

COPY DOW CONFIDENTIAL

INDX ANALYSIS

CALORIMETRY
HAZARDS
HEAT CAPACITY
HEAT OF REACTION
PHYSICAL PROPERTIES
THERMAL PROPERTIES
THERMODYNAMIC PROPERTIES

FRTM PROBLEM 107-0005612 , LAB 107
CHEMICAL TERMS (DR #'s and Chemical Names)
01001894 SULFUR OXIDE (SO3)
01141986 ETHENE: CHLORO-

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ACCN 785292
RPNO B 600-245-78
TITL COMPARISON OF THE FATE OF VINYL CHLORIDE FOLLOWING SINGLE AND REPEATED
EXPOSURE IN RATS
AUTH GEHRING PJ WATANABE PG ZEMPEL JA
RPDT 770223
PGNO 15
COPY DOW CONFIDENTIAL
INDX ANIMAL
BIOCHEMICAL REACTIONS
CARCINOGENESIS
CHEMICAL REACTIONS
EXPOSURE
MAMMAL
METABOLISM
RAT
RODENT
TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

Document: 40 of 92

ACCN 784987
RPNO HET K-001711(26)
TITL METABOLISM OF (14C) AND (36CL) LABELED VINYL CHLORIDE IN VIVO AND IN
VITRO
AUTH GUENGERICH FP WATANABE PG
RPDT 780427
PGNO 35
COPY DOW CONFIDENTIAL
INDX CONTAINERS
CRYSTALLINITY
FOOD
LAMINATES

R&S 140184

CRID

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PERMEABILITY
PHYSICAL PROPERTIES
STABILITY
STORAGE STABILITY

FRTM LAB 177 , PROBLEM 177-0007155

CHEMICAL TERMS (DR #'s and Chemical Names)

00376410 ETHENE, HOMOPOLYMER
01024028 ETHENE, POLYMER WITH ETHENYL ACETATE
01235694 SARAN

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ACCN 784176
RPNO B 600-164-78
TITL THE EPIDEMIOLOGIST AS A CONSULTANT
AUTH COOK RR
RPDT 780523
PGNO 23
COPY DOW CONFIDENTIAL
INDX ANIMAL DISEASES
CANCER
ECONOMICS
EPIDEMIOLOGY
FORECASTING
HEALTH
HUMANS
INDUSTRIAL HYGIENE
MATHEMATICS
POPULATION
STATISTICAL ANALYSIS

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986 ETHENE: CHLORO-

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ACCN 782088
RPNO HET K-001711(23) (REV.)
TITL EFFECT OF ETHANOL ON THE FATE OF VINYL CHLORIDE IN RATS
AUTH GEHRING PJ WATANABE PG ZEMPEL JA
RPDT 770320
PGNO 23
COPY DOW CONFIDENTIAL
INDX ANIMAL
BIOCHEMICAL REACTIONS
CHEMICAL REACTIONS
MAMMAL
METABOLISM
RAT
RODENT

FRTM PROBLEM 177-0007155 , LAB 177
CHEMICAL TERMS (DR #'s and Chemical Names)
00023916 ETHANOL
01141986B ETHENE: CHLORO-

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ACCN 777432
RPNO B 600-319-77
TITL VINYL CHLORIDE INDUCED LYMPHOCYTE TRANSFORMATION IN SPLENIC CULTURES
AUTH GEHRING PJ SHARMA RP
RPDT 770816
PGNO 2
COPY DOW CONFIDENTIAL
INDX ANIMAL
BLOOD
BLOOD CELLS
IMMUNITY
INHALATION TOXICITY
LEUKOCYTE
LYMPHOCYTE
MAMMAL
MOUSE
RABBIT
RODENT
TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

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ACCN 776821
RPNO HET K-001711(14)
TITL ISOLATION OF URINARY METABOLITES OF 14C-1,2-VINYL CHLORIDE MONOMER (VCM)
AUTH GEHRING PJ HEFNER RE JR
RPDT 741011
PGNO 26
COPY DOW CONFIDENTIAL
INDX BIOCHEMICAL REACTIONS
CHEMICAL REACTIONS
MERCAPTO GROUP
METABOLISM
METABOLITES
URINE

FRTM PROBLEM 998-0054500 , LAB 998
CHEMICAL TERMS (DR #'s and Chemical Names)
00025025 UREA
00833567 L-CYSTEINE: N-ACETYL-

R&S 140186

CRID

CRI REPORTS 1937 to Present

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Page 26

01141986 ETHENE: CHLORO-
01562954 ETHENE-14C2: CHLORO-
01840922 UREA-14C

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ACCN 776431
RPNO ML AL 77-30755
TITL RESIDUAL MONOMERS ANALYSIS IN SARAN FILMS
AUTH REIGLER PF
RPDT 770920
PGNO 8
COPY DOW CONFIDENTIAL
INDX ANIMAL
CARCINOGENESIS
FILMS
MAMMAL
MOUSE
RESIDUES
RODENT

CHEMICAL TERMS (DR #'s and Chemical Names)

00020611 ETHENE: 1,1-DICHLORO-
01141986 ETHENE: CHLORO-
01235694 SARAN

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ACCN 774519
RPNO B 600-173-77
TITL HEPATIC MACROMOLECULAR BINDING FOLLOWING EXPOSURE TO VINYL CHLORIDE
AUTH GEHRING PJ PEGG DG WATANABE PG ZEMPEL JA
RPDT 770613
PGNO 25
COPY DOW CONFIDENTIAL
INDX ANIMAL
ANIMAL TISSUE
CARCINOGENESIS
EXCRETORY SYSTEMS
EXPOSURE
HEPATOTOXICITY
LIVER
MAMMAL
ORGAN
RADIATION
RADIOACTIVITY
RAT
RODENT
TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

R&S 140187

CRID

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01141986 ETHENE: CHLORO-

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ACCN 774442

RPNO B 600-176-77

TITL RESOLUTION OF DOSE-RESPONSE TOXICITY DATA FOR CHEMICALS REQUIRING
METABOLIC ACTIVATION: EXAMPLE - VINYL CHLORIDE

AUTH GEHRING PJ PARK CN WATANABE PG

RPDT 770614

PGNO 34

COPY DOW CONFIDENTIAL

INDX ACTIVATION

ANIMAL

BIOCHEMICAL REACTIONS

CARCINOGENESIS

CHEMICAL REACTIONS

MAMMAL

METABOLISM

OPERATING CONDITIONS

RAT

RATE

REACTION KINETICS

RODENT

TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986B ETHENE: CHLORO-

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ACCN 774423

RPNO HET K-001711(25)

TITL RESOLUTION OF DOSE-RESPONSE TOXICITY DATA FOR CHEMICALS REQUIRING
METABOLIC ACTIVATION: EXAMPLE - VINYL CHLORIDE

AUTH GEHRING PJ PARK CN WATANABE PG

RPDT 770528

PGNO 24

COPY DOW CONFIDENTIAL

INDX ACTIVATION

ANIMAL

BIOCHEMICAL REACTIONS

CARCINOGENESIS

CHEMICAL REACTIONS

MAMMAL

METABOLISM

OPERATING CONDITIONS

RAT

RATE

REACTION KINETICS

RODENT

R&S 140188

TOXICITY

FRTM LAB 177 , PROBLEM 177-0007155
CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

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ACCN 773894
RPNO B 600-163-77
TITL COMPARISON OF THE FATE OF VINYL CHLORIDE FOLLOWING SINGLE AND REPEATED
EXPOSURE IN RATS
AUTH GEHRING PJ WATANABE PG ZEMPEL JA
RPDT 770602
PGNO 26
COPY DOW CONFIDENTIAL
INDX ANIMAL
BIOCHEMICAL REACTIONS
CHEMICAL REACTIONS
EXPOSURE
INHALATION TOXICITY
MAMMAL
METABOLISM
RAT
RODENT
TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)
00017516 ACETIC ACID: CHLORO-
01141986B ETHENE: CHLORO-

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ACCN 772139
RPNO HET K-001711(24)
TITL HEPATIC MACROMOLECULAR BINDING FOLLOWING EXPOSURE TO VINYL CHLORIDE
AUTH GEHRING PJ PEGG DG WATANABE PG ZEMPEL JA
RPDT 770407
PGNO 25
COPY DOW CONFIDENTIAL
INDX ALKYLATION
ANIMAL
ANIMAL DISEASES
CANCER
CHEMICAL REACTIONS
EXCRETORY SYSTEMS
EXPOSURE
HEPATOTOXICITY
LIVER
MAMMAL
ORGAN

CRID

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RADIATION
RADIOACTIVITY
RAT
RODENT
TOXICITY

FRTM PROBLEM 177-0007155 , LAB 177
CHEMICAL TERMS (DR #'s and Chemical Names)
01141986 ETHENE: CHLORO-

Document: 51 of 92

ACCN 767597
RPNO HET K-001711(21)
TITL COMPARISON OF THE FATE OF VINYL CHLORIDE FOLLOWING SINGLE AND REPEATED
EXPOSURE IN RATS
AUTH GEHRING PJ WATANABE PG ZEMPEL JA
RPDT 760928
PGNO 29
COPY DOW CONFIDENTIAL
INDX ANIMAL
BIBLIOGRAPHIES
BIOCHEMICAL REACTIONS
CHEMICAL REACTIONS
ENZYMES
EXCRETIONS
MAMMAL
METABOLISM
RAT
RODENT

FRTM LAB 177 , PROBLEM 177-0007155
CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-
01643261 MERCAPTO

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ACCN 765417
RPNO SRI PEP 105
TITL VINYLIDENE CHLORIDE MONOMER AND POLYMERS
AUTH STANFORD RES INS
RPDT 760600
PGNO 343
COPY DOW CONFIDENTIAL
INDX BIBLIOGRAPHIES
BULK POLYMERIZATION
CHEMICAL REACTIONS
CHLORINATION
COATING MATERIALS
COPOLYMERS

COSTS
DEHYDROCHLORINATION
DEHYDROHALOGENATION
DIAGRAMS
ECONOMICS
EMULSION POLYMERIZATION
FILMS
HALOGENATION
HEALTH
HEAT SEALING
HYDROCHLORINATION
HYDROHALOGENATION
INDUSTRIAL HYGIENE
LEGAL CONSIDERATION
OPERATING CONDITIONS
PAPER
PATENT STATUS
PERMEABILITY
PHYSICAL PROPERTIES
PLANT SCALE
POLYMERIZATION
POLYMERS
REACTION KINETICS
RECYCLING
REVIEWS
SEAL STRENGTH
SUSPENSION POLYMERIZATION
THERMODYNAMIC PROPERTIES
VAPOR PRESSURE
WATER VAPOR TRANSMISSION RATE

CHEMICAL TERMS (DR #'s and Chemical Names)

00007841 ETHANE: PENTACHLORO-
00013412 ETHANE: 1,1,1,2-TETRACHLORO-
00015883P ETHANE: 1,1,1-TRICHLORO-
00015883R ETHANE: 1,1,1-TRICHLORO-
00015894 ETHANE: 1,1-DICHLORO-
00018531R ETHANE: 1,2-DICHLORO-
00020611P ETHENE: 1,1-DICHLORO-
00020611R ETHENE: 1,1-DICHLORO-
00023632 ETHANE: 1,1,2,2-TETRACHLORO-
00023643 ETHANE: HEXACHLORO-
00023687R ETHANE: 1,1,2-TRICHLORO-
00023698 ETHENE: TETRACHLORO-
00023701P ETHANE: CHLORO-
00030217R ETHANE
00043845R HYDROCHLORIC ACID (HCL)
00062088R 2-PROPENOIC ACID: 2-METHYL-, METHYL ESTER
00067834R CHLORINE
00079914 SODIUM HYDROXIDE (NA(OH))
00088733 ETHENE: 1,2-DICHLORO-, (E)-
00088744 ETHENE: 1,2-DICHLORO-, (Z)-
00095636R 2-PROPENOIC ACID, ETHYL ESTER

R&S 140191

00141162 SARAN F300 LATEX
00222060 SARAN 281, (K-23175)
01024299P ETHENE: CHLORO-, POLYMER WITH 1,
1-DICHLOROETHENE
01024302R ETHENE: 1,1-DICHLORO-, HOMOPOLYMER
01141986R ETHENE: CHLORO-
01141997 ETHENE: TRICHLORO-
01235694 SARAN
01736363P ETHENE: CHLORO-, POLYMER WITH ETHYL 2-PROPENOATE AND
METHYL 2-METHYL-2-PROPENOATE

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ACCN 764672
RPNO NCT 5900
TITL REACTION HAZARD INDEX AND MATERIAL FACTOR CALCULATIONS FOR 120 COMPOUNDS
AUTH DAVIES CL
RPDT 760602
PGNO 27
COPY DOW CONFIDENTIAL
INDX ACTIVATION ENERGY
DECOMPOSITION POINT
FUELS
HAZARDS
HEAT OF COMBUSTION
HEAT OF FORMATION
HEAT OF REACTION
HEATING FUELS
MINERAL OILS
NAPHTHA
PETROLEUM FRACTIONS
PETROLEUM FRACTIONS
PHYSICAL PROPERTIES
THERMODYNAMIC PROPERTIES
THERMODYNAMICS

FRTM PROBLEM 107-9005295 , LAB 107
CHEMICAL TERMS (DR #'s and Chemical Names)
00000602 ETHANOL: 2,2'-OXYBIS-
00000704 METHANONE: DIPHENYL-
00001434 BENZOIC ACID: 3,5-DICHLORO-2-HYDROXY-
00002824 BENZENE: (1,1-DIMETHYLETHYL)-
00002879 BENZENE: ETHENYL-, HOMOPOLYMER
00005298 2-PENTANONE: 4-METHYL-
00005301 2-BUTANONE
00006008 METHANE: TETRABROMO-
00006019 METHANE: BROMO-
00006020 METHANE: DIBROMO-
00006326 BENZALDEHYDE
00006406 ETHANOL: 2-AMINO-
00006417 ETHANOL: 2,2'-IMINOBIS-
00006439 BENZENE: BROMOFLUORO-

00006542 ETHENE: (2-CHLOROETHOXY)-
00006553 ETHENE: BROMO-
00006586 BENZENE: 1,2-DICHLORO-
00006860 1,3-DIOXANE
00007307 BENZENE: 1,1'-OXYBIS-
00008720 BENZENEMETHANAMINE
00009529 1,4-DIOXANE
00010377 (1,1'-BIPHENYL)-4-OL
00011530 PHENOL: 2,4-DINITRO-
00011585 BENZENE: ETHYL-
00011610 BENZENE: 1,1'-(1,2-ETHANEDIYL) BIS-
00011905 PHENOL: 4,4'-(1-METHYLETHYLIDENE) BIS-
00012088 NAPHTHALENE
00012099 BENZENE: 1,4-DICHLORO-
00014982 ETHANOL: 2,2'-(1,2-ETHANEDIYLBIS(OXY)) BIS-
00015861 FORMIC ACID, ETHYL ESTER
00015872 ETHANE: 1,2-DIBROMO-
00015883 ETHANE: 1,1,1-TRICHLORO-
00015894 ETHANE: 1,1-DICHLORO-
00015929 1-PROPENE: 3-CHLORO-
00015930 1-PROPENE: 3-BROMO-
00015952 ETHENE: ETHOXY-
00016228 METHANE: IODO-
00016240 ETHANE: BROMO-
00016251 PROPANE: 1-BROMO-
00016262 PROPANE: 2-BROMO-
00016273 BUTANE: 1-BROMO-
00016308 PENTANE: 1-BROMO-
00016331 2-PROPEN-1-AMINE
00016397 2-PROPEN-1-OL
00018531 ETHANE: 1,2-DICHLORO-
00018542 PROPANE: 1-CHLORO-
00018553 PROPANE: 2-CHLORO-
00018860 PROPANE: 2-BROMO-2-METHYL-
00018951 FORMIC ACID, 1-METHYLETHYL ESTER
00019169 METHANE: CHLOROMETHOXY-
00019170 ETHANE: 1,1'-OXYBIS-
00019498 CYCLOHEXANOL
00019625 BENZENE: (1-METHYLETHYL)-
00019943 PROPANE: 1,2-DICHLORO-
00020019 BENZENE: 1,3-DINITRO-
00020882 CYCLOHEXENE
00022128 PROPANAL
00022300 ACETIC ACID, METHYL ESTER
00022504 PROPANE: 2-iodo-2-METHYL-
00023518 1-PROPENE
00023530 ETHYNE
00023541 ETHENE
00023609 METHANE: TRICHLORO-
00023665 ETHENE: 1,2-DICHLORO-
00023687 ETHANE: 1,1,2-TRICHLORO-
00023701 ETHANE: CHLORO-
00023745 PROPANE: 2-CHLORO-2-METHYL-

00023814 ETHANE: IODO-
00023825 1-PROPENE: 3-iodo-
00023836 ACETONITRILE
00023847 PROPANENITRILE
00023858 BUTANENITRILE
00023916 ETHANOL
00023938 METHANOL
00023961 2-PROPANOL
00023972 1-BUTANOL
00023994 1-PROPANOL: 2-METHYL-
00024022 1-HEXANOL
00024055 1,2-ETHANEDIOL
00024066 1,2-PROPANEDIOL
00024077 1,2,3-PROPANETRIOL
00024168 PROPANE: 2,2'-OXYBIS-
00024215 ACETALDEHYDE
00024226 2-PROPENAL
00024271 2-PROPANONE
00024317 2-PROPENOIC ACID
00024522 ACETIC ACID, ETHYL ESTER
00024555 ACETIC ACID, BUTYL ESTER
00024726 METHANAMINE
00024737 METHANAMINE: N-METHYL-
00024748 METHANAMINE: N,N-DIMETHYL-
00024759 ETHANAMINE
00024760 ETHANAMINE: N-ETHYL-
00024771 ETHANAMINE: N,N-DIETHYL-
00024782 1-PROPANAMINE
00024793 1-BUTANAMINE
00025058 BENZENE
00025092 BENZENE: PROPYL-
00025183 1,1'-BIPHENYL
00025252 BENZENE: 1,2,3-TRICHLORO-
00025296 BENZENE: CHLORO-
00025536 BENZENE: BROMO-
00026108 PHENOL: 2-CHLORO-
00026131 MAGNESIUM
00028057 BENZENAMINE: N-METHYL-
00028068 BENZENAMINE
00028079 BENZENAMINE: N,N-DIMETHYL-
00028659 AZIRIDINE
00028988 2H-1-BENZOPYRAN-2-ONE
00029016 BUTANE
00029243 CELLULOSE, METHYL ETHER
00029389 CYCLOPROPANE
00029823 SULFUR
00029981 2,5-FURANDIONE
00030206 METHANE
00030217 ETHANE
00030228 PROPANE
00043527 2-PROPANOL: 2-METHYL-
00043572 ETHANONE: 1-PHENYL-
00044564 NAPHTHALENE: 1-BROMO-

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00046140 CARBON DISULFIDE
00047007 BENZENE: CHLOROETHENYL-
00049332 OCTADECANOIC ACID
00049581 ETHANE: TETRACHLORO-
00050657 METHANE: BROMOCHLORO-
00050817 1-PROPENE: 2,3-DICHLORO-
00050986 METHANE: BROMODICHLORO-
00051105 BUTANEDIOIC ACID: METHYLENE-
00052028 BENZENE: (BROMOMETHYL)-
00053509 PEROXIDE: DIBENZOYL
00053598 BENZENE: ETHENYLMETHYL-
00053907 ACETIC ACID, ETHENYL ESTER
00055481 METHANE: OXYBIS-
00062624 PEROXIDE: BIS(1-OXODODECYL)
00066331 SULFUR DIOXIDE
00067845 HYDROGEN SULFIDE (H(SH))
00067867 CARBON MONOXIDE (CO)
00078228 BENZENE: 1-METHYL-X-(1-METHYLETHYL)-
00087649 1,2-ETHANEDIAMINE
00087694 1,2-ETHANEDIAMINE: N-(2-AMINOETHYL)-
00095181 BUTANE: 1-CHLORO-
00095318 PROPANE: 2-iodo-
00095329 PROPANE: 1-iodo-
00095409 PROPANE: 2-(ETHENYLOXY)-
00095578 ACETYL CHLORIDE
00095625 ACETIC ACID, 1-METHYLETHYL ESTER..
00095636 2-PROPENOIC ACID, ETHYL ESTER
00095794 BENZENE: (CHLOROMETHYL)-
00098146 2-PROPYN-1-OL
00099821 1-PROPENE: 1,2-DICHLORO-
00104234 1-PROPYNE: 3-BROMO-
00117420 FORMIC ACID, PROPYL ESTER
00117884 2-PROPENAMIDE
00126181 2-BUTANOL: 2-METHYL-
00138987 METHANETHIOL
00159159 BENZENE: 1-METHYL-2-NITRO-
00159228 HYDROGEN
00159400 CALCIUM CARBIDE (CAC2)
00160667 BENZENE: DIBROMO-
00160816 BENZENE: BUTYL-
00164023 PROPANOIC ACID, ETHYL ESTER
00166892 ALUMINUM: TRIS(2-METHYLPROPYL)-
00167339 HEXANE
00168934 PEROXIDE: BIS(1-METHYL-1-PHENYLETHYL)
00170467 ALUMINUM: TRIETHYL-
00178416 1-PROPENE: 3-(ETHENYLOXY)-
00194558 2-PROPANAMINE: 2-METHYL-
00196463 2-PROPANAMINE
00197784 1-PROPENE: 3,3'-OXYBIS-
00198367 1,3-DIOXOLAN-2-ONE
00224704 ETHANE: 1,1,1-TRIFLUORO-
00249445 ETHENE: CHLORO-, HOMOPOLYMER
00263569 PROPANENITRILE: 2-METHYL-

00302716 BENZENEMETHANETHIOL
00302794 BUTANE: 1,1'-OXYBIS-
00303388 PENTANE: 1-CHLORO-
00307017 CYCLOPENTENE
00308554 OCTADECANOIC ACID, ZINC SALT
00321039 ACETIC ACID, PROPYL ESTER
00321095 ACETIC ACID, PENTYL ESTER
00333835 PHENOL: METHYL-
00334576 ETHANE: 1-CHLORO-2-METHOXY-
00335933 PROPANE: 2-(ETHENYLOXY)-2-METHYL-
00343533 OCTANE
00350787 ETHANETHIOL
00350812 2-PROPANETHIOL: 2-METHYL-
00356127 2-PROPANOL: 2-METHYL-, ACETATE
00388658 BUTANE: 1-(ETHENYLOXY)-
00388976 NAPHTHALENE: 2-BROMO-
00391480 HEPTANE
00393237 2-PROPANONE: 1-PHENYL-
00440493 OCTADECANOIC ACID, BARIUM SALT
00440506 OCTADECANOIC ACID, CALCIUM SALT
00482644 ETHANE: 1-CHLORO-2-ETHOXY-
00483910 ETHANE: 1,2-DIFLUORO-
00502772 BENZENE: 1,4-DIETHYL-
00600011 ETHANE: 1,1,1,2-TETRAFLUORO-
00662759 ETHENE: 1,1-DIFLUORO-
00771120 PENTANE
00826482 ETHENE: 1,2-DIFLUORO-
00988396 BARIUM OXIDE (BAO2)
00994752 ETHENE: FLUORO-
00994809 METHANE: CHLORODIFLUORO-
00995664 1-PROPYNE
00995686 PROPANE: 2-METHYL-
00995697 1-PROPENE: 2-METHYL-
00995733 PROPANE: 2,2-DIMETHYL-
00997024 PROPANE: 1-FLUORO-
00997035 PROPANE: 2-FLUORO-
00997046 BUTANE: 1-FLUORO-
00997057 PROPANE: 2-FLUORO-2-METHYL-
00997159 ETHANE: FLUORO-
00998005 ETHANE: 1,1-DIFLUORO-
01031012 ETHANOL: 2,2',2''-NITRILOTRIS-
01031170 2-PROPENENITRILE
01115419 PHENOL
01141986 ETHENE: CHLORO-
01156952 CHLORINE OXIDE (CLO2)
01157228 CHROMIC ACID (H2(CR2O7)), DISODIUM SALT
01161291 PERCHLORIC ACID, POTASSIUM SALT
01162147 NITRIC ACID, IRON(3+) SALT
01167620 BUTANE: DICHLORO-
01169455 ETHANE: HEXAFLUORO-
01169499 ALUMINUM: TRIMETHYL-
01181813 PENTENE: 2,4,4-TRIMETHYL-
01182350 BUTANE: EPOXY-

-- 01194510 BUTENE
01244446 NAPHTHALENE: METHYL-
01251792 ETHENE: 1,1'-OXYBIS-
01268004 BENZENE: BROMOCHLORO-
01488193 PHENOL: BROMO-
01561439 PROPANE: DICHLORO-
01642337 CYCLOBUTANE
01675667 ETHANE: 1,1,2-TRIFLUORO-
01701617 PROPANENITRILE: 2,2-DIMETHYL-
01720872 CYCLOBUTENE
01724578 PROPANOIC ACID, 1,1-DIMETHYLETHYL ESTER
01724589 PROPANE: 2-METHYL-2-(1-METHYLETHOXY)-
01724614 PROPANE: 2,2'-OXYBIS(2-METHYL-
01724932 NITRIC ACID, BUTYL ESTER
01724965 FORMIC ACID, 1,1-DIMETHYLETHYL ESTER

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ACCN 764374

RPNO B 17080

TITL THE EFFECTS OF MATERNALLY INHALED VINYL CHLORIDE ON EMBRYONAL AND FETAL
DEVELOPMENT IN MICE, RATS AND RABBITS

AUTH JOHN JA LEONG BKJ SCHWETZ BA SMITH FA

RPDT 760430

PGNO 36

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INDX ANIMAL

EMBRYO

EXPOSURE

FETUS

INHALATION TOXICITY

MAMMAL

MOUSE

ORGANOGENESIS

POTABLE WATER

PREGNANCY

RABBIT

RAT

RODENT

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TOXIC EFFECT

TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986B ETHENE: CHLORO-

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ACCN 763409

RPNO MR 20920 VOL. I & II

TITL PVC, VCM, AND PLASTICIZERS, 1973-1980. VOL. I & II: FEEDSTOCKS,

R&S 140197

AVAILABILITY AND MARKETS: SITUATION, OUTLOOK, OPPORTUNITIES, HAZARDS

AUTH SHERWOOD, PETER ASSO

RPDT 740500

PGNO 637

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INDX ADDITIVES

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R&S 140198

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00018531 ETHANE: 1,2-DICHLORO-
00023541 ETHENE
00049332 OCTADECANOIC ACID
00067834 CHLORINE
00088313 1-HEXANOL: 2-ETHYL-
00093618 BENZENE: 1,2-DIMETHYL-
00162243 1,3-ISOBENZOFURANDIONE
00249445 ETHENE: CHLORO-, HOMOPOLYMER
00888846 ISOOCTYL ALCOHOL
01141986 ETHENE: CHLORO-

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ACCN 760447
RPNO HET 3.4-16-10
TITL THE EFFECTS OF MATERNALLY INHALED VINYL CHLORIDE ON EMBRYONAL AND FETAL
DEVELOPMENT IN MICE, RATS AND RABBITS
AUTH BALMER MF GEHRING PJ HABERSTROH HD JOHN JA LEONG BKJ MURRAY FJ
NITSCHKE KD SCHWETZ BA SMITH FA
RPDT 751219
PGNO 31
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PREGNANCY
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TERATOGENESIS
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CHEMICAL TERMS (DR #'s and Chemical Names)

01141986B ETHENE: CHLORO-

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ACCN 758463

RPNO ZZ G-1975

TITL PHARMACOKINETIC STUDIES IN EVALUATION OF THE TOXICOLOGICAL AND
ENVIRONMENTAL HAZARDS OF CHEMICALS

AUTH BLAU GE GEHRING PJ WATANABE PG

RPDT 750000

PGNO 158

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INDX BIBLIOGRAPHIES

BIOCHEMICAL REACTIONS

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00009529	1,4-DIOXANE
00011530	PHENOL: 2,4-DINITRO-
00029243	CELLULOSE, METHYL ETHER
00043367	ACETIC ACID: (2,4,5-TRICHLOROPHENOXY)-
00197308	PHENOL: PENTACHLORO-
00337837	2-PYRIDINECARBOXYLIC ACID: 6-CHLORO-
00459870	BENZENE: 1,1'-OXYBIS(2,3,4,5, 6-PENTABROMO-
00650986	DIBENZO(B,E)(1,4)DIOXIN: 2,3,7, 8-TETRACHLORO-
00764669	ACETAMIDE: 2,2-DIBROMO-2-CYANO-
00969426	1,1'-BIPHENYL: OCTABROMO-
01141986	ETHENE: CHLORO-
01160527	1,1'-BIPHENYL: 2,2',4,4'-TETRACHLORO-

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ACCN 758373

RPNO SRI PEP 13B SUPPL.

TITL POLYVINYL CHLORIDE SUPPLEMENT B

AUTH STANFORD RES INS

RPDT 751100

PGNO 357

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INDX ADDITIVES

ANIMAL DISEASES

AUTOCLAVES

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SOLUTION POLYMERIZATION
STABILIZING AGENTS
SUSPENSION POLYMERIZATION
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VENTS
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WASTE DISPOSAL

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00020611R	ETHENE: 1,1-DICHLORO-
00023518R	1-PROPENE
00053907R	ACETIC ACID, ETHENYL ESTER
00249445P	ETHENE: CHLORO-, HOMOPOLYMER
01024299P	ETHENE: CHLORO-, POLYMER WITH 1, 1-DICHLOROETHENE
01130025P	ETHENE: CHLORO-, POLYMER WITH ETHENYL ACETATE
01141986R	ETHENE: CHLORO-

R&S 140201

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01605181P ETHENE: CHLORO-, POLYMER WITH 1-PROPENE

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ACCN 757090

RPNO B 16893

TITL INDUSTRIAL CHEMICAL SAFETY & VINYL CHLORIDE

AUTH DEMOTT DN

RPDT 750925

PGNO 20

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INDX ANIMAL DISEASES

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01141986B ETHENE: CHLORO-

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ACCN 756782

RPNO NCT 5771

TITL THE CRUISE AND CHETAH HAZARD EVALUATION PROGRAMS: A COMPARISON

AUTH CHASE MW WITT BG

RPDT 750903

PGNO 13

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INDX ACTIVITY

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FRM CHETAH , PROBLEM 107-9005500 , LAB 107

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00006020 METHANE: DIBROMO-

00011530 PHENOL: 2,4-DINITRO-

00015781 METHANE: NITRO-

00015827 OXIRANE: METHYL-

00015849 METHANE: DICHLORO-

00015883 ETHANE: 1,1,1-TRICHLORO-

00015929 1-PROPENE: 3-CHLORO-

R&S 140202

00016375 METHANE: TRICHLORONITRO-
00020600 1,3-BUTADIENE
00020611 ETHENE: 1,1-DICHLORO-
00023518 1-PROPENE
00023541 ETHENE
00024317 2-PROPENOIC ACID
00028659 AZIRIDINE
00053598 BENZENE: ETHENYLMETHYL-
00060071 1-PROPENE: 1,3-DICHLORO-
00131657 HYDROGEN PEROXIDE (H2O2)
00138727 BENZOIC ACID: 2-METHYL-3,5-DINITRO-
00192961 BENZENE: DIISOCYANATOMETHYL-
00634071 OXIRANE: ETHYL-
00705464 MAPP, (K-72180)
01001634 BENZENE: (CHLOROMETHYL)ETHENYL-
01031034 BENZENE: ETHENYL-
01031170 2-PROPENENITRILE
01141975 OXIRANE
01141986 ETHENE: CHLORO-
01141997 ETHENE: TRICHLORO-
01142116 BENZENE: DIETHENYL-
01156952 CHLORINE OXIDE (CLO2)
01182350 BUTANE: EPOXY-

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ACCN 756151

RPNO HET K-001711(15)

TITL VINYL CHLORIDE (VC) INDUCED DEPRESSION OF HEPATIC NON-PROTEIN SULFHYDRYL
CONTENT AND EFFECTS ON SULFOBROMOPHTHALEIN (BSP) CLEARANCE IN RATS

AUTH GEHRING PJ HEFNER RE JR WATANABE PG

RPDT 750703

PGNO 21

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FRTM PROBLEM 177-0007152 , LAB 177

CHEMICAL TERMS (DR #'s and Chemical Names)

00023916 ETHANOL
01141986B ETHENE: CHLORO-
01657234 BENZENESULFONIC ACID: 3,3'-(4,5,6,
 7-TETRABROMO-3-OXO-1(3H)-ISOBENZOFURANYLIDENE) BIS(6-
 HYDROXY-

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ACCN 754813
RPNO B 16843
TITL PERCUTANEOUS ABSORPTION OF VINYL CHLORIDE (VC)
AUTH GEHRING PJ HEFNER RE JR WATANABE PG
RPDT 750430
PGNO 9
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01009172 CARBON, ISOTOPE OF MASS 14
01141986B ETHENE: CHLORO-

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ACCN 754110
RPNO B 16534
TITL THE EFFECTS OF EXPOSURE OF RATS TO 50, 500, AND 5000 PPM VINYL CHLORIDE
 ON THE SULFHYDRYL LEVELS OF LIVER
AUTH GEHRING PJ HEFNER RE JR
RPDT 731212
PGNO 30
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CHEMICAL TERMS (DR #'s and Chemical Names)
01141986B ETHENE: CHLORO-

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ACCN 752011
RPNO SCP 16
TITL MONOMER TRAINING PROGRAM
AUTH FOLEY RD
RPDT 750311
PGNO 21
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01141986 ETHENE: CHLORO-

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ACCN 751870
RPNO B 16778
TITL RESULTS OF A VINYL CHLORIDE - TERATOLOGY STUDY IN MICE, RATS AND RABBITS

R&S 140205

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AUTH BALMER MF GEHRING PJ LEONG BKJ SCHWETZ BA SMITH FA

RPDT 750228

PGNO 31

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INDX ANIMAL

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FETUS

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PREGNANCY

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01141986B ETHENE: CHLORO-

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ACCN 750814

RPNO HET K-001711(16)

TITL RADIOCHEMICAL PURITY OF SYNTHESIZED 1,2-14C-VINYL CHLORIDE MONOMER

AUTH GEHRING PJ HEFNER RE JR WATANABE PG - - -

RPDT 750117

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INDX ABSORPTION SPECTRA

ANALYSIS

ANALYTICAL METHODS

CHROMATOGRAPHY

GAS CHROMATOGRAPHY

IR SPECTROMETRY

MASS SPECTROMETRY

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CHEMICAL TERMS (DR #'s and Chemical Names)

01562954A ETHENE-14C2: CHLORO-

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ACCN 746374

RPNO B 16709

TITL VINYL CHLORIDE (VCM) EXPOSURES ENGINEERING CONTROLS AND WORK PRACTICES

AUTH OELFKE KH

RPDT 741111

PGNO 4

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01141986 ETHENE: CHLORO-

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ACCN 745942

RPNO B 16699

TITL THE TOXICOLOGICAL DATA AND INDUSTRIAL EXPERIENCE WITH VINYL CHLORIDE

AUTH RAUSCH DA ROWE VK

RPDT 741028

PGNO 41

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HEALTH

HUMANS

INDUSTRIAL HYGIENE

LIVER

MAMMAL

MONITORING

MORTALITY

ORGAN

ORGANOGENESIS

RAT

REVIEWS

RODENT

SAFETY

TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986A ETHENE: CHLORO-

01141986B ETHENE: CHLORO-

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ACCN 744784

RPNO NCT 5628

TITL STUDIES OF HAZARDOUS CHEMICALS AND THEIR REACTIONS 99. VINYL CHLORIDE
MONOMER (VCM)

AUTH STULL DR

R&S 140207

CRID

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RPDT 740903

PGNO 65

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INDX ACCIDENTS

BIBLIOGRAPHIES

DEGRADATION

EXPLOSION

FIRE

HEALTH

INDUSTRIAL HYGIENE

PHYSICAL PROPERTIES

SAFETY

STABILITY

STORAGE STABILITY

TRANSPORTATION

FRTM LAB 107 , PROBLEM 107-9005500

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986P ETHENE: CHLORO-

Document: 70 of 92

ACCN 744301

RPNO B 16652

TITL LONG-TERM MORTALITY EXPERIENCE OF 594 EMPLOYEES EXPOSED TO VINYL
CHLORIDE IN A CONTROLLED INDUSTRIAL ENVIRONMENT

AUTH HOLDER BB LANGNER RR OTT MG

RPDT 740723

PGNO 26

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INDX ANIMAL DISEASES

CANCER

EXCRETORY SYSTEMS

EXPOSURE

HEALTH

HUMANS

INDUSTRIAL HYGIENE

LIVER

MORTALITY

ORGAN

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986B ETHENE: CHLORO-

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ACCN 743716

RPNO TNV 99

TITL VINYL CHLORIDE AND THE TERNEUZEN-SITE: A STATUS REPORT

AUTH BOSMAN CJ

RPDT 740712

R&S 140208

CRID

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PGNO 15

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INDX ANALYSIS

EXPOSURE

GOVERNMENT REGULATIONS

HUMANS

FRM OCCUPATIONAL SAFETY AND HEALTH ACT , TERNEUZEN, NETHERLANDS

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986A ETHENE: CHLORO-

01141986B ETHENE: CHLORO-

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ACCN 743006

RPNO B 16632

TITL PRELIMINARY STUDIES OF THE FATE OF INHALED VINYL CHLORIDE MONOMER (VCM)
IN RATS

AUTH GEHRING PJ HEFNER RE JR WATANABE PG

RPDT 740500

PGNO 32

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INDX ANIMAL

BIBLIOGRAPHIES

BIOCHEMICAL REACTIONS

CHEMICAL REACTIONS

EXCRETORY SYSTEMS

INHALATION TOXICITY

INHALATION TOXICITY

LIVER

MAMMAL

METABOLISM

METABOLITES

ORGAN

RAT

RODENT

TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986B ETHENE: CHLORO-

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ACCN 742846

RPNO B 16629

TITL EXPERIENCE IN INDUSTRIAL EXPOSURE CONTROL

AUTH ROWE VK

RPDT 740524

PGNO 14

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INDX ENVIRONMENT

R&S 140209

EXPOSURE
HEALTH
HUMANS
INDUSTRIAL HYGIENE
MONITORING

CHEMICAL TERMS (DR #'s and Chemical Names)

01141986B ETHENE: CHLORO-

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ACCN 741884
RPNO AR I 1-71-1896 (REV.)
TITL CLASSIFICATION OF CHEMICAL REACTIVITY HAZARDS
AUTH FLYNN JP ROSSOW HE
RPDT 710600
PGNO 159
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INDX ACTIVITY
ANHYDROUS
CHEMICAL COMPOUNDS
COMPOSITION
CRUDE OIL
DRYING
FUELS
GASOLINE
HAZARDS
HEAT OF DEGRADATION
HEAT OF REACTION
MOTOR FUEL
OPERATING CONDITIONS
PERFORMANCE TESTS
PETROLEUM
PETROLEUM FRACTIONS
PETROLEUM FRACTIONS
PHYSICAL PROPERTIES
PRESSURE
RANKING
SHOCK SENSITIVITY TESTS
TEMPERATURE
THERMODYNAMIC PROPERTIES

CHEMICAL TERMS (DR #'s and Chemical Names)

00000599 ETHANOL: 2-BUTOXY-
00000602 ETHANOL: 2,2'-OXYBIS-
00000624 ETHANE: 1,1'-OXYBIS(2-CHLORO-
00001785 3-PENTEN-2-ONE: 4-METHYL-
00002971 CYCLOHEXANONE
00004273 PROPANENITRILE: 3-HYDROXY-
00005298 2-PENTANONE: 4-METHYL-
00005301 2-BUTANONE
00006019 METHANE: BROMO-

— 00006075 2-FURANCARBOXALDEHYDE
00006111 BUTANAL
00006122 2-BUTENAL
00006406 ETHANOL: 2-AMINO-
00006417 ETHANOL: 2,2'-IMINOBIS-
00006451 2-HEXENAL: 2-ETHYL-
00006746 PROPANAL: 2-METHYL-
00008548 CYCLOHEXENE: 1-METHYL-4-(1-METHYLETHENYL)-
00009745 MORPHOLINE
00011450 BENZENE: TRICHLORO-
00011585 BENZENE: ETHYL-
00012088 NAPHTHALENE
00012748 2-CYCLOHEXEN-1-ONE: 3,5,5-TRIMETHYL-
00014982 ETHANOL: 2,2'-(1,2-ETHANEDIYLBIS(OXY))BIS-
00014993 ETHANOL: 2,2'-(OXYBIS(2,1-ETHANEDIYLOXY))BIS-
00015827 OXIRANE: METHYL-
00015838 OXIRANE: (CHLOROMETHYL)-
00015849 METHANE: DICHLORO-
00015872 ETHANE: 1,2-DIBROMO-
00015883 ETHANE: 1,1,1-TRICHLORO-
00015929 1-PROPENE: 3-CHLORO-
00015974 METHANE: DIMETHOXY-
00016397 2-PROPEN-1-OL
00018531 ETHANE: 1,2-DICHLORO-
00019170 ETHANE: 1,1'-OXYBIS-
00019181 NAPHTHALENE: 1,2,3,4-TETRAHYDRO- ..
00019625 BENZENE: (1-METHYLETHYL)-
00019943 PROPANE: 1,2-DICHLORO-
00020097 CYCLOHEXANE
00020575 METHANE: DICHLORODIFLUORO-
00020600 1,3-BUTADIENE
00020611 ETHENE: 1,1-DICHLORO-
00020779 PYRIDINE
00021136 1,2-BENZENEDICARBOXYLIC ACID,
DIBUTYL ESTER
00021421 THIOPHENE: TETRAHYDRO-, 1,1-DIOXIDE
00022128 PROPANAL
00022300 ACETIC ACID, METHYL ESTER
00023518 1-PROPENE
00023574 ASPHALT
00023609 METHANE: TRICHLORO-
00023654 METHANE: TETRACHLORO-
00023698 ETHENE: TETRACHLORO-
00023701 ETHANE: CHLORO-
00023734 METHANE: CHLORO-
00023836 ACETONITRILE
00023916 ETHANOL
00023938 METHANOL
00023950 1-PROPANOL
00023961 2-PROPANOL
00023972 1-BUTANOL
00023983 2-BUTANOL
00023994 1-PROPANOL: 2-METHYL-

R&S 140211

00024000 1-PENTANOL
00024055 1,2-ETHANEDIOL
00024066 1,2-PROPANEDIOL
00024077 1,2,3-PROPANETRIOL
00024168 PROPANE: 2,2'-OXYBIS-
00024180 ETHANOL: 2-ETHOXY-
00024191 ETHANOL: 2-METHOXY-
00024204 FORMALDEHYDE
00024215 ACETALDEHYDE
00024226 2-PROPENAL
00024271 2-PROPANONE
00024282 ACETIC ACID
00024293 PROPANOIC ACID
00024306 BUTANOIC ACID
00024317 2-PROPENOIC ACID
00024351 FORMIC ACID
00024497 ACETIC ACID, ANHYDRIDE
00024522 ACETIC ACID, ETHYL ESTER
00024555 ACETIC ACID, BUTYL ESTER
00024737 METHANAMINE: N-METHYL-
00024760 ETHANAMINE: N-ETHYL-
00025058 BENZENE
00025070 BENZENE: METHYL-
00025081 BENZENE: DIMETHYL-
00025296 BENZENE: CHLORO-
00025809 DOWELL INHIBITOR B
00028068 BENZENAMINE
00028659 AZIRIDINE
00029016 BUTANE
00029390 TURPENTINE
00029823 SULFUR
00030206 METHANE
00030228 PROPANE
00032031 ETHANOL: 2-(2-ETHOXYETHOXY)-
00032677 BENZENE: DIETHYL-
00035530 PROPANENITRILE: 2-(ACETYLOXY)-2-METHYL-
00041849 ETHANOL: 2-((2-AMINOETHYL)AMINO)-
00042320 1,2-ETHANEDIAMINE: N,N'-BIS(2-AMINOETHYL)-
00042897 2,4-PENTANEDIOL: 2-METHYL-
00043527 2-PROPANOL: 2-METHYL-
00043652 PROPANE: 1-NITRO-
00043845 HYDROCHLORIC ACID (HCL)
00046140 CARBON DISULFIDE
00051547 ETHANEDIAL
00052562 ETHANOL: 2-(2-METHOXYETHOXY)-
00052595 ETHANOL: 2-(2-(2-ETHOXYETHOXY)ETHOXY)-
00053598 BENZENE: ETHENYLMETHYL-
00053907 ACETIC ACID, ETHENYL ESTER
00056597 BENZENE: TRIETHYL-
00057169 PHENOL: NONYL-
00062088 2-PROPENOIC ACID: 2-METHYL-, METHYL ESTER
00066342 AMMONIA (NH3)
00067834 CHLORINE

R&S 140212

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00079914 SODIUM HYDROXIDE (NA(OH))
00087649 1,2-ETHANEDIAMINE
00087694 1,2-ETHANEDIAMINE: N-(2-AMINOETHYL)-
00088313 1-HEXANOL: 2-ETHYL-
00093378 2-OXETANONE
00093583 SULFURIC ACID
00093618 BENZENE: 1,2-DIMETHYL-
00093630 BENZENE: 1,4-DIMETHYL-
00093652 BENZENE: 1-METHYL-4-(1-METHYLETHYL)-
00095476 4-HEPTANONE: 2,6-DIMETHYL-
00095625 ACETIC ACID, 1-METHYLETHYL ESTER
00095636 2-PROPENOIC ACID, ETHYL ESTER
00095669 2-PROPENOIC ACID, METHYL ESTER
00099854 1-DECANOL
00101008 1,2-BUTANEDIOL, MIXTURE WITH 1,3-BUTANEDIOL AND 1,
4-BUTANEDIOL
00122190 1,2-ETHANEDIOL, DIACETATE
00129759 HYDROFLUORIC ACID (HF)
00131533 2-PROPANOL: 1,1'-IMINOBIS-
00139991 1-BUTANOL: 3-METHYL-, ACETATE
00162152 NITRIC ACID
00162210 PHOSPHORIC ACID
00162221 PHOSPHORUS
00164830 1,2-BENZENEDICARBOXYLIC ACID,
BUTYL PHENYLMETHYL ESTER
00167339 HEXANE
00170467 ALUMINUM: TRIETHYL-
00221454 2-PROPENOIC ACID, BUTYL ESTER
00221487 2-PROPENOIC ACID, 2-ETHYLHEXYL ESTER
00269885 CRESOTE OIL, (K-28040)
00318989 ACETIC ACID, 1-METHYLPROPYL ESTER
00321039 ACETIC ACID, PROPYL ESTER
00321073 ACETIC ACID, 2-METHYLPROPYL ESTER
00321095 ACETIC ACID, PENTYL ESTER
00324696 HEXANEDINITRILE
00333835 PHENOL: METHYL-
00343613 1-NONANOL
00345051 PENTANAL
00345255 PROPANOIC ACID, ANHYDRIDE
00346225 1-TRIDECANOL
00389946 ETHANOL: 2-ETHOXY-, ACETATE
00391242 2-HEXANOL
00391480 HEPTANE
00414517 1,3-BUTADIENE: 2-METHYL-
00510576 NONANE
00553946 BUTANAL: 2-METHYL-
00709977 PLUMBANE: TETRAETHYL-
00771120 PENTANE
00888846 ISOOCTYL ALCOHOL
00994809 METHANE: CHLORODIFLUORO-
00995788 NITROGEN OXIDE (N2O)
00996952 BUTANE: 2-METHYL-
00999859 POTASSIUM HYDROXIDE

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01002079 1-PROPENE, TETRAMER
01031012 ETHANOL: 2,2',2''-NITRILOTRIS-
01031034 BENZENE: ETHENYL-
01031170 2-PROPENENITRILE
01031421 PROPANOL: OXYBIS-
01033574 ALKYLATE 122
01115419 PHENOL
01117551 BENZENE: DICHLORO-
01141975 OXIRANE
01141986 ETHENE: CHLORO-
01141997 ETHENE: TRICHLORO-
01181448 2-PROPANOL: 1-AMINO-
01181813 PENTENE: 2,4,4-TRIMETHYL-
01234259 1-PROPENE, TRIMER
01330763 CHLOROSULFURIC ACID (CLH(SO3))
01376041 1-PROPENE: DICHLORO-
01383660 NONANAL: 8-METHYL-
01389668 JP4 FUEL
01399162 MINERAL SPIRITS
01435785 CAMPHORATED OIL
01551480 JP3 FUEL
01551491 JP5 FUEL
01560867 LIGROIN, 38% BENZENE
01563231 HEPTENE
01563275 HEPTANAL: 6-METHYL-
01586125 SULFURIC ACID, MIXTURE WITH SULFUR TRIOXIDE
01988869 1-NONANOL: 8-METHYL-

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ACCN 723534

RPNO NCT 5305

TITL ANALYSIS OF HAZARDOUS MATERIALS TRANSPORT 2. THE DESTRUCTIVENESS OF
EXPLOSIONS

AUTH STULL DR

RPDT 720508

PGNO 25

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INDX ACCIDENTS

BOILERS

EQUIPMENT

EXPLOSION

HAZARDS

HEATING EQUIPMENT

RAILROAD INDUSTRY

STEAM

TANK CARS

THEORY

TRANSPORTATION INDUSTRIES

WATER VAPOR

FRM PROBLEM 998-0025220 , LAB 998

R&S 140214

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CHEMICAL TERMS (DR #'s and Chemical Names)

00308689 BENZENE: 2-METHYL-1,3,5-TRINITRO-
01030031 WATER
01141975 OXIRANE
01141986 ETHENE: CHLORO-

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ACCN 723012

RPNO NCT 5302

TITL EQUILIBRIUM DISTRIBUTION OF PRODUCTS OF VINYL CHLORIDE/CHLORINE REACTION

AUTH CHASE MW

RPDT 720420

PGNO 3

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INDX CALCULATION

EQUILIBRIUM

HAZARDS

PHYSICAL PROPERTIES

STEADY STATE

THERMODYNAMIC PROPERTIES

THERMODYNAMICS

FRMT PROBLEM 107-9005126 , LAB 107

CHEMICAL TERMS (DR #'s and Chemical Names)

00020611P ETHENE: 1,1-DICHLORO-
00023665P ETHENE: 1,2-DICHLORO-
00023687P ETHANE: 1,1,2-TRICHLORO-
00043845P HYDROCHLORIC ACID (HCL)
00067834R CHLORINE
01141986R ETHENE: CHLORO-

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ACCN 721573

RPNO PE TM 71-48

TITL SAFETY IN POLYVINYL CHLORIDE PLANTS VINYL CHLORIDE SAFETY ASSOCIATION

AUTH CHRISTIANSON TK

RPDT 711228

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INDX ACCIDENTS

ACOUSTIC ENVIRONMENT

CATALYSTS

CHEMICAL REACTIONS

ENVIRONMENT

HAZARDS

MATERIALS HANDLING

NOISE

OPERATING CONDITIONS

PEROXIDES

PLANT SCALE

R&S 140215

POLYMERIZATION
PRESSURE
SAFETY
WELDING

CHEMICAL TERMS (DR #'s and Chemical Names)

00249445P ETHENE: CHLORO-, HOMOPOLYMER
01141986R ETHENE: CHLORO-
01399322 LUCIDOL 98%

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ACCN 714283
RPNO B 15711
TITL CHEMICAL THERMODYNAMICS AND FIRE PROBLEMS
AUTH STULL DR
RPDT 710914
COPY DOW CONFIDENTIAL
INDX ACCIDENTS
 ACTIVITY
 COMBUSTION
 COMPOSITION
 COMPUTER PROGRAM
 CONTROL
 ENERGY
 ENTHALPY
 ENTROPY
 EQUILIBRIUM
 FIRE
 HAZARDS
 OPERATING CONDITIONS
 PHYSICAL PROPERTIES
 PRESSURE
 STEADY STATE
 TEMPERATURE
 THERMODYNAMIC PROPERTIES
 VOLUME

FRM NATIONAL FIRE PROTECTION ASSOCIATION , FIRE FIGHTING , DISASTER CONTROL
CHEMICAL TERMS (DR #'s and Chemical Names)

00023530 ETHYNE
00029812 NITRIC ACID, AMMONIUM SALT
00030206 METHANE
00043845P HYDROCHLORIC ACID (HCL)
00067856P HYDROCYANIC ACID (H(CN))
00159364P CARBON DIOXIDE (CO2)
00343533 OCTANE
00995755 NITROGEN
00995982 OXYGEN
01030031P WATER
01141986R ETHENE: CHLORO-

R&S 140216

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ACCN 713064
RPNO SRI PEP 17A2
TITL REPORT NO. 17A2 ACRYLONITRILE FROM ETHYLENE AND PROPYLENE INTERIM REPORT
PRIOR TO SUPPLEMENT A
AUTH STANFORD RES INS
RPDT 710600
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INDX ACTINIDES
AIR
AMMOXIDATION
BOILING POINT
CHEMICAL REACTIONS
COSTS
CRITICAL STATE
CYANATION
DENSITY
DESIGN
DIAGRAMS
ECONOMICS
ENGINEERING
EQUILIBRIUM
EQUIPMENT
EXPLOSIBILITY
FLUIDS
FREE ENERGY
FREEZING POINT
HEALTH
HEAT OF EVAPORATION
HEAT OF FORMATION
HEAT OF REACTION
HEAT OF TRANSITION
INDUSTRIAL HYGIENE
LEGAL CONSIDERATION
LIQUIDS
OPERATING CONDITIONS
OXIDATION
PATENT STATUS
PHYSICAL PROPERTIES
REACTORS
REVIEWS
SAFETY
SPECIFICATIONS
STEADY STATE
TEMPERATURE
THERMODYNAMIC PROPERTIES
TRANSITION TEMPERATURE
VAPOR PRESSURE
YIELD

FRTM CRITICAL PRESSURE , PLATINUM METALS , ASAHI CHEMICAL CO. , FREE ENERGY

R&S 140217

OF FORMATION , EXPLOSIVE LIMITS , CRITICAL TEMPERATURE
CHEMICAL TERMS (DR #'s and Chemical Names)

00018531 ETHANE: 1,2-DICHLORO-
00023518R 1-PROPENE
00023541R ETHENE
00023836 ACETONITRILE
00023847 PROPANENITRILE
00029787 ARSENIC (AS)
00030228R PROPANE
00043845 HYDROCHLORIC ACID (HCL)
00045783 AMMONIUM CHLORIDE ((NH4)CL)
00050759 PROPANENITRILE: 3-CHLORO-
00066342R AMMONIA (NH3)
00067856R HYDROCYANIC ACID (H(CN))
00067867P CARBON MONOXIDE (CO)
00159342 IRON (FE)
00162016 MANGANESE
00162221 PHOSPHORUS
00564341 CESIUM
00588012 BISMUTH
00588363 MOLYBDENUM
00589399 ANTIMONY
00594741 VANADIUM
00995982R OXYGEN
00995993 PALLADIUM
01002342 THORIUM
01002568 URANIUM
01030031 WATER
01031170P 2-PROPENENITRILE
01141986 ETHENE: CHLORO-
01194510 BUTENE
01274802 PALLADIUM CYANIDE (PD(CN)2)
01643578 BISMUTH PHOSPHOMOLYBDATE

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ACCN 704965

RPNO FPR 11

TITL SELECTION OF BLOWING AGENTS FOR THE STYROFOAM PROCESS. PART II. STABLE,
LOW DENSITY STYROFOAM

AUTH CORBETT JM FOOKES JL

RPDT 701027

PGNO 72

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INDX BLOWING AGENTS

CELL

COMPUTATION

COMPUTER PROGRAM

DIMENSIONAL STABILITY

FLAMMABILITY

FOAMS

MIXTURES

R&S 140218

OPERATING CONDITIONS
PERMEABILITY
PHYSICAL PROPERTIES
PRESSURE
SOLUBILITY
STABILITY
TOXICITY

CHEMICAL TERMS (DR #'s and Chemical Names)

00002879 BENZENE: ETHENYL-, HOMOPOLYMER
00020575 METHANE: DICHLORODIFLUORO-
00023518 1-PROPENE
00023541 ETHENE
00023701 ETHANE: CHLORO-
00023734 METHANE: CHLORO-
00030206 METHANE
00030217 ETHANE
00030228 PROPANE
00055481 METHANE: OXYBIS-
00070495 STYROFOAM
00222071 TYRIL 767
00771120 PENTANE
00793964 METHANE: DIFLUORO-
00994752 ETHENE: FLUORO-
00994809 METHANE: CHLORODIFLUORO-
00995755 NITROGEN
00995982 OXYGEN
01027743 LOW DENSITY STYROFOAM
01027765 BENZENE: ETHENYL-, POLYMER WITH 2-PROPENENITRILE
01031669 BENZENE: ETHENYL-, POLYMER WITH 2,
5-FURANDIONE
01141986 ETHENE: CHLORO-

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ACCN 702332
RPNO PE TM 70-16
TITL SAFETY IN POLYVINYL CHLORIDE PLANTS - REPORT FROM THE VINYL CHLORIDE
SAFETY ASSOCIATION
AUTH ENGLUND SM
RPDT 700101
COPY DOW CONFIDENTIAL
INDX CHEMICAL REACTIONS
CLEANING
EQUIPMENT
HUMANS
OPERATING CONDITIONS
PLANT SCALE
POLYMERIZATION
PRODUCTION
REACTORS
RELIEF VALVES

R&S 140219

SAFETY
TOXICITY
VALVES

FRTM LAB 286

CHEMICAL TERMS (DR #'s and Chemical Names)

00249445B ETHENE: CHLORO-, HOMOPOLYMER

01141986B ETHENE: CHLORO-

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ACCN

RPNO TPX 633-2-S

TITL EXPLORATORY VINYL BENZOATE POLYMERS

AUTH LOEFFLER NR

RPDT 690000

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INDX VINYL ALCOHOL: POLYMERS, PREPN. BY HYDROLYSIS OF POLY(VINYL BENZOATE)

VINYL CHLORIDE: POLYMER-CO; BUTYL ACRYLATE + VINYL BENZOATE

ACRYLIC ACID: (TRIPROPYLENE GLYCOL METHYL ETHER) ESTER, POLYMER-CO;

VINYL BENZOATE

ACRYLIC ACID: BUTYL ESTER, POLYMER-CO; 2-HYDROXYETHYL ESTER + VINYL
BENZOATE

ACRYLIC ACID: BUTYL ESTER, POLYMER-CO; VINYL BENZOATE

ACRYLIC ACID: 2-HYDROXYETHYL ESTER, POLYMER-CO; VINYL BENZOATE

ACRYLIC ACID: POLYMER-CO; BUTYL ACRYLATE + METHACRYLIC ACID, TOXICITY

ACRYLIC ACID: POLYMER-CO; BUTYL ACRYLATE + METHACRYLIC ACID + VINYL
BENZOATE

BENZOIC ACID: VINYL ESTER, POLYMER CONTAINING

BENZOIC ACID: VINYL ESTER, POLYMERS, HYDROLYSIS

FUMARIC ACID: DIBUTYL ESTER, POLYMER-CO; VINYL BENZOATE

FUMARIC ACID: 2-METHOXYETHYL ESTER, POLYMER-CO; VINYL BENZOATE

MALEIC ACID: 2-(2-BUTOXYETHOXY)ETHYL ESTER, POLYMER-CO; VINYL BENZOATE

MALEIC ACID: DIBUTYL ESTER, POLYMER-CO; VINYL BENZOATE

MALEIC ACID: DIETHYL ESTER, POLYMER-CO; VINYL BENZOATE

MALEIC ACID: ISOCTYL ESTER, POLYMER-CO; VINYL BENZOATE

MALEIC ACID: (TRIPROPYLENE GLYCOL METHYL ETHER) ESTER, POLYMER-CO;

VINYL

PHENOL: P-METHOXY-, (DERIVS) INHIBITOR OF VINYL BENZOATE

POLYMERIZATION

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ACCN

RPNO B 13,662

TITL ESTABLISHING EXPOSURE TO VINYL CHLORIDE VAPOR BY BREATH ANALYSIS AND
CONTINUOUS ENVIRONMENTAL SURVEILLANCE

AUTH BARETTA ED STEWART RD MUTCHLER JE

RPDT 680000

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INDX VINYL CHLORIDE: EXPOSURE TO VAPOR, MEASUREMENT OF

R&S 140220

VINYL CHLORIDE: TOXICITY

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ACCN

RPNO B 13,883

TITL THE CORRELATION OF CLINICAL AND ENVIRONMENTAL MEASUREMENTS FOR WORKERS
EXPOSED TO VINYL CHLORIDE

AUTH KRAMER CG MUTCHLER JE

RPDT 680000

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INDX VINYL CHLORIDE: TOXICITY

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RPNO BCT 2.QO-000002-1

TITL SKIN IRRITATION STUDIES CONDUCTED ON CADILLAC PLASTIC VINYL FILM H- 203

AUTH NORRIS JM

RPDT 680000

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INDX VINYL CHLORIDE: POLYMERS, FILM, TOXICITY
CADILLAC H-203: TOXICITY

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ACCN

RPNO PSS 16

TITL PEROXIDE AND ACETYLENE FORMATION IN VCL MONOMER -- HISTORY, HAZARDS, AND
PRECAUTIONS

AUTH NYBERG DG

RPDT 670000

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INDX VINYL CHLORIDE: PEROXIDES IN, FORMATION OF
ACETYLENE: IN VINYL CHLORIDE, FORMATION OF
PEROXIDES: IN VINYL CHLORIDE, FORMATION OF

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ACCN

RPNO RL 3705

TITL RADIATION-INDUCED CROSS-LINKING OF POLYETHYLENE. I. EFFECTS OF GASEOUS
ADDITIVES

AUTH KROMANN PR

RPDT 670000

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NDX PROPENE: AS CROSS-LINKING AGENT FOR POLYETHYLENE
RADIATION: OF POLYETHYLENE TO INDUCE CROSS-LINKING
SULFUR FLUORIDE: SF6, AS CROSS-LINKING AGENT FOR POLYETHYLENE

R&S 140221

VINYL CHLORIDE: AS CROSS-LINKING AGENT FOR POLYETHYLENE
ACETYLENE: AS CROSS-LINKING AGENT FOR POLYETHYLENE
AIR: AS CROSS-LINKING AGENT FOR POLYETHYLENE
ALLENE: AS CROSS-LINKING AGENT FOR POLYETHYLENE
AMMONIA: AS CROSS-LINKING AGENT FOR POLYETHYLENE
1, 3-BUTADIENE: AS CROSS-LINKING AGENT FOR POLYETHYLENE
CYCLOPROPANE: AS CROSS-LINKING AGENT FOR POLYETHYLENE
ETHYLENE: POLYMERS, CROSS-LINKING BY RADIATION, SENSITIZERS FOR
NITROGEN: AS CROSS-LINKING AGENT FOR POLYETHYLENE
NITROGEN OXIDE: NO, AS CROSS-LINKING AGENT FOR POLYETHYLENE
POLYMERS: CROSS-LINKING USING RADIATION

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RPNO BCT 2.QX-3471.2-1

TITL TOXICOLOGICAL PROPERTIES AND INDUSTRIAL HANDLING HAZARDS OF QX-3471.2
(COPOLYMER CONTAINING VINYL CHLORIDE, VINYLIDINE CHLORIDE, ETHYL
ACRYLATE, METHYL METHACRYLATE)

AUTH TAYLOR Y OLSON KJ

RPDT 660000

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INDX QX-3471.2: TOXICITY

VINYL CHLORIDE: POLYMER-CO; ETHYL ACRYLATE + METHYL METHACRYLATE +
VINYLIDENE CHLORIDE, TOXICITY

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RPNO BCT 2.36-124-1

TITL RESULTS OF RANGE FINDING TOXICOLOGICAL TESTS ON POLYVINYL CHLORIDE
PLASTIC BOTTLE (PRELL) FORMULATION AND STABILIZER (MARK X)

AUTH WILSON H OLSON KJ

RPDT 660000

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INDX VINYL CHLORIDE: POLYMERS, BOTTLES OF, TOXICITY
MARK X: TOXICITY

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RPNO BCT 2.43-148-1

TITL EYE IRRITATING PROPERTIES OF HAIR SPRAY FORMULATIONS CONTAINING VARYING
PROPORTIONS OF FREONS 11 AND 12, VINYL CHLORIDE, METHYL CHLOROFORM,
METHYLENE CHLORIDE, ETC.

AUTH OLSON KJ

RPDT 650000

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INDX HAIR: SPRAYS FOR, TOXICITY TO EYES

R&S 140222

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RPNO B 7,200

TITL THE TOXICITY OF VINYL CHLORIDE AS DETERMINED BY REPEATED EXPOSURE OF
LABORATORY ANIMALS

AUTH OYEN F TORKELSON TR ROWE VK

RPDT 610000

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INDX VINYL CHLORIDE: TOXICITY

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RPNO BCT 3.4-16-3,4,5

TITL THE TOXICITY OF VINYL CHLORIDE AS DETERMINED BY: REPEATED EXPOSURE OF
LABORATORY ANIMALS TORKELSON TR

RPDT 610000

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INDX VINYL CHLORIDE: TOXICITY

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