

A **dp** **DIALOG** SEARCH
FROM THE
CA SEARCH DATABASE

R&S 138009

SAMPLE RECORD

The positions of the key fields are shown in the following sample record.

For: _____

Address: _____

If you have any questions, please call:

Telephone: _____

Topic of search: _____

Searcher: _____

Date: _____

96102591 CA: 96(13)102591t JOURNAL
TI A light microscope method for following the
incorporation of gluten into dough or other foodstuffs
containing different proteins
AU AUTHOR: Moss, R.; Pointing, G.; Berry, S.
CS LOCATION: Bread Res. Inst. Australia, North Ryde,
2113, Australia
JN PY JOURNAL: Stain Technol. DATE: 1982 VOLUME: 57
CO NUMBER: 1 PAGES: 1-4 CODEN: SITEAW ISSN:
SN LA 0038-9153 LANGUAGE: English
SECTION:
SC SH CA117001 Food and Feed Chemistry
ID IDENTIFIERS: gluten detn dough, Fast Green gluten
staining
DE DESCRIPTORS:
GS Glutens...
detection of, in dough by staining
Dough... Food analysis...
gluten additive detection in, by staining
Staining...
of glutens by Fast Green FCF, for additive
detection in dough
CAS REGISTRY NUMBERS:
RN 2353-45-9 gluten detection with, in dough
(Copyright by American Chemical Society, 1982.)

Key to Data Fields

AC	Application Country	LA	Language
AD	Application Date	PA	Patent Assignee
AN	Application Number	PC	Patent Country
AU	Author	PD	Patent Date
CL	Patent Classification	PN	Patent Number
CO	CODEN	PU	Publisher
CS	Corporate Source	PY	Publication Year
DE	Descriptor	RN	CAS Registry Number
DT	Document Type	SC	CA Section Code
GS	General Subject Heading	SH	CA Section Title
ID	Identifier	SN	ISSN
JA	Journal Announcement	TI	Title
JN	Journal Name		

Data present in record depends on output format requested and type of record.

The attached report is the result of a search of the CA SEARCH database using the DIALOG Information Retrieval Service.

The CA SEARCH database contains bibliographic data, key word phrases, and index entries for all documents covered by the Chemical Abstracts Service. It contains the basic bibliographic information appearing in the printed Chemical Abstracts, CA General Subject Headings from a controlled vocabulary, and CAS Registry Numbers, a unique number assigned to each specific chemical compound. Most items are available from Chemical Abstracts Service or other document suppliers.

Print 1/2/1-123

DIALOG File309: CA Search - 1972-1976 (Copr. 1983 by the Amer. Chem. Soc.) (Item 1 of 123) User 3614 25Jan83

85193355 CA: 85(26)193355f JOURNAL
 The vinyl chloride monomer health problem
 AUTHOR: Stafford, John
 LOCATION: Plast. Div., ICI, Welwyn Garden City, Engl.
 JOURNAL: Chem. Ind. (London) DATE: 1976 NUMBER: 11
 PAGES: 466-70 CODEN: CHINAG LANGUAGE: English
 SECTION:
 CA936000 Plastics Manufacture and Processing
 CA904XXX Toxicology
 IDENTIFIERS: review health hazard vinyl chloride

85181696 CA: 85(24)181696a TECHNICAL REPORT
 Health hazard evaluation/toxicity determination report
 H.H.E. 75-90-236, Russell Corporation, Alexander City, Alabama
 AUTHOR: Geissert, Jack D.
 LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
 JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
 PB-249416 PAGES: 12 pp. CODEN: XPBRCA LANGUAGE:
 English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
 76(8), 72 AVAIL: NTIS
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA942XXX Coatings, Inks, and Related Products
 CA939XXX Textiles
 IDENTIFIERS: safety screen printing textile, vinyl chloride
 hazard PVC, health hazard petroleum spirit, skin hazard
 petroleum spirit, ink PVC textile printing

85181695 CA: 85(24)181695d TECHNICAL REPORT
 Health hazard evaluation/toxicity determination report
 H.H.E. 74-94-253, Armstrong Cork Company, Jackson, Mississippi
 AUTHOR: Flesch, Jerome P.; Rostand, Robert A.
 LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
 JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
 PB-249433 PAGES: 16 pp. CODEN: XPBRCA LANGUAGE:
 English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
 76(8), 75 AVAIL: NTIS
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA937XXX Plastics Fabrication and Uses
 IDENTIFIERS: chrysotile airborne health hazard, safety vinyl
 asbestos tile manuf, chloroethylene asbestos tile hazard

85181689 CA: 85(24)181689a TECHNICAL REPORT
 Health hazard evaluation/toxicity determination report
 H.H.E. 75-1-194
 AUTHOR: Okawa, Melvin T.
 LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
 JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
 PB-249 PAGES: 6 pp. CODEN: XPBRCA LANGUAGE:
 English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,

76(8), 67 AVAIL: NTIS
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 IDENTIFIERS: vinyl chloride health hazard, extrusion plastic
 elec cable, safety plastic extrusion cable

85181605 CA: 85(24)181605z JOURNAL
 Carcinogenic properties of vinyl chloride. (Review of the
 literature)
 AUTHOR: Zueva, G. N.
 LOCATION: Inst. Gig. Tr. Profzabol., Moscow, USSR
 JOURNAL: Gig. Tr. Prof. Zabol. DATE: 1976 NUMBER: 4
 PAGES: 46-8 CODEN: GTPZAB LANGUAGE: Russian
 SECTION:
 CA959000 Air Pollution and Industrial Hygiene
 CA936XXX Plastics Manufacture and Processing
 IDENTIFIERS: review vinyl chloride carcinogen

85165890 CA: 85(22)165890h TECHNICAL REPORT
 Health hazard evaluation/toxicity determination report H.H.E
 74-61-232, Gates Rubber Company, Denver, Colorado
 AUTHOR: Gunter, Bobby J.; Lucas, James B.
 LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
 JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
 PB-249412 PAGES: 16 pp. CODEN: XPBRCA LANGUAGE:
 English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
 76(8), 72 AVAIL: NTIS
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA938XXX Elastomers, Including Natural Rubber
 IDENTIFIERS: rubber hose health hazard, cyclohexanone health
 hazard, PVC extrusion health hazard, safety PVC extrusion hose
 , dermatitis PVC extrusion solvent

R&S 138011

85165889 CA: 85(22)165889q TECHNICAL REPORT
Health hazard evaluation/toxicity determination report
H.H.E. 74-125-215, Monaghan Company, Denver, Colorado
AUTHOR: Gunter, Bobby J.; Butler, George; Lucas, James B.
LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
PB-249395 PAGES: 8 pp. CODEN: XPBRCA LANGUAGE:
English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
76(8), 69 AVAIL: NTIS

SECTION:

CA959003 Air Pollution and Industrial Hygiene

CA937XXX Plastics Fabrication and Uses

IDENTIFIERS: vinyl chloride health hazard, PVC plant vinyl
chloride hazard, safety PVC plant

85165876 CA: 85(22)165876h TECHNICAL REPORT
Health hazard evaluation/toxicity determination report,
H.H.E. 75-20-209, Richdel Corporation, Carson City, Nevada
AUTHOR: Okawa, Melvin T.
LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
PB-249389 PAGES: 8 pp. CODEN: XPBRCA LANGUAGE:
English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
76(8), 69 AVAIL: NTIS

SECTION:

CA959003 Air Pollution and Industrial Hygiene

CA937XXX Plastics Fabrication and Uses

IDENTIFIERS: vinyl chloride health hazard, plastic molding
health hazard, safety valve plastic manuf

85165871 CA: 85(22)165871c TECHNICAL REPORT
Health hazard evaluation/toxicity determination report
H.H.E. 74-24,92,95-248, Uncle Bill's Pick-N-Pay Market, No.
10, Middleburg Heights, Ohio, Madsen's Valu Center, Mankato,
Minnesota, and Kroger Company, Logan, West Virginia
AUTHOR: Vandervort, Robert; Brooks, Stuart M.
LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
PB-249426 PAGES: 31 pp. CODEN: XPBRCA LANGUAGE:
English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
76(8), 74 AVAIL: NTIS

SECTION:

CA959003 Air Pollution and Industrial Hygiene

CA917XXX Foods

CA937XXX Plastics Fabrication and Uses

IDENTIFIERS: health hazard PVC meat wrapping, vinyl chloride
hazard PVC film, safety PVC meat wrapping

85165870 CA: 85(22)165870b TECHNICAL REPORT
Health hazard evaluation/toxicity determination report
H.H.E. 74-59-217, Goodyear Tire and Rubber Company, St. Marys,
Ohio

AUTHOR: Vandervort, Robert
LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
PB-249397 PAGES: 6 pp. CODEN: XPBRCA LANGUAGE:
English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
76(8), 70 AVAIL: NTIS

SECTION:

CA959003 Air Pollution and Industrial Hygiene

CA937XXX Plastics Fabrication and Uses

IDENTIFIERS: vinyl chloride health hazard, safety plastic
film casting

85165867 CA: 85(22)165867f TECHNICAL REPORT
Health hazard evaluation/toxicity determination report
H.H.E. 74-134-193, PHC Industries, Inc., Camden, New Jersey
AUTHOR: Gilles, Dawn
LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
PB-249373 PAGES: 6 pp. CODEN: XPBRCA LANGUAGE:
English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
76(8), 67 AVAIL: NTIS

SECTION:

CA959003 Air Pollution and Industrial Hygiene

CA937XXX Plastics Fabrication and Uses

IDENTIFIERS: PVC extrusion molding hazard, vinyl chloride
health hazard, safety PVC processing

85154907 CA: 85(21)154907t JOURNAL
Liver microsomal uptake of carbon-14-labeled vinyl chloride
and transformation to protein alkylating metabolites in vitro
AUTHOR: Kappus, H.; Bolt, H. M.; Buchter, A.; Bolt, W.
LOCATION: Inst. Toxicol., Univ. Tuebingen, Tuebingen, Ger.
JOURNAL: Toxicol. Appl. Pharmacol. DATE: 1976 VOLUME: 37
NUMBER: 3 PAGES: 461-71 CODEN: TXAPA9 LANGUAGE:
English
SECTION:
CA904007 Toxicology
IDENTIFIERS: vinyl chloride liver microsome, protein vinyl,
chloride microsome

85154466 CA: 85(21)154466y JOURNAL
 Vinyl chloride mutagenicity via the metabolites
 chlorooxirane and chloroacetaldehyde monomer hydrate
 AUTHOR: Elmore, Jim D.; Wong, John L.; Laumbach, Andrew D.;
 Streips, Uldis N.
 LOCATION: Dep. Chem., Univ. Louisville, Louisville, Ky.
 JOURNAL: Biochim. Biophys. Acta DATE: 1976 VOLUME: 442
 NUMBER: 3 PAGES: 405-19 CODEN: BBACAO LANGUAGE:
 English
 SECTION:
 CA903002 Biochemical Interactions
 CA904XXX Toxicology
 IDENTIFIERS: vinyl chloride mutagen, chlorooxirane mutagen
 vinyl chloride, chloroacetaldehyde mutagen vinyl chloride

85141414 CA: 85(19)141414e JOURNAL
 Migration of vinyl chloride from PVC packagings
 AUTHOR: Vom Bruck, C. G.; Eckert, W. R.; Rudolph, F. B.
 LOCATION: Unilever Forschungsges. m.b.H., Hamburg, Ger.
 JOURNAL: Fette, Seifen, Anstrichm. DATE: 1976 VOLUME: 78
 NUMBER: 8 PAGES: 334-7 CODEN: FSASAX LANGUAGE:
 German
 SECTION:
 CA917002 Foods
 CA937XXX Plastics Fabrication and Uses
 IDENTIFIERS: PVC vinyl chloride food, packaging PVC food

85138138 CA: 85(19)138138n JOURNAL
 Vinyl chloride
 AUTHOR: Bardodej, Z.
 LOCATION: Lek. Fak. Hyg., Karlova Univ., Prague, Czech.
 JOURNAL: Cesk. Hyg. DATE: 1976 VOLUME: 21 NUMBER: 3
 PAGES: 133-9 CODEN: CEHYAN LANGUAGE: Czech
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: vinylchloride toxicity permissible limit

85129792 CA: 85(18)129792u JOURNAL
 Statistics problem in air pollution control, for example
 vinyl chloride
 AUTHOR: Goermer, Helmut
 LOCATION: Abt. Elektro-, Mess- Regeltech., Dynamit Nobel
 A.-G., Troisdorf, Ger.
 JOURNAL: Staub - Reinhalt. Luft DATE: 1976 VOLUME: 36
 NUMBER: 4 PAGES: 160-8 CODEN: STRHAY LANGUAGE: German
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA936XXX Plastics Manufacture and Processing
 IDENTIFIERS: vinyl chloride air pollution, PVC prodn air
 pollution

85129766 CA: 85(18)129766p JOURNAL
 Two cases of the angiosarcoma of the liver after exposure to
 vinyl chloride
 AUTHOR: Zorica, M.; Saric, M.; Konstantinovic, M.; Kovac, I.
 LOCATION: Zavod Zast. Zdravlja, Split, Yugoslavia
 JOURNAL: Arh. Hig. Rada Toksikol. DATE: 1975 VOLUME: 26
 NUMBER: 4 PAGES: 275-81 CODEN: AHRTAN LANGUAGE:
 Croatian
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA936XXX Plastics Manufacture and Processing
 IDENTIFIERS: angiosarcoma liver chloroethylene exposure,
 vinyl chloride angiosarcoma liver, PVC manuf health hazard

85117450 CA: 85(17)117450t JOURNAL
 Mutagenicity and metabolism of vinyl chloride
 AUTHOR: Montesano, Ruggero; Bartsch, Helmut
 LOCATION: Unit. Chem. Carcinog., Int. Agency Res. Cancer,
 Lyons, Fr.
 JOURNAL: Adv. Tumour Prev., Detect. Charact. DATE: 1976
 VOLUME: 3 NUMBER: Biol. Charact. Hum. Tumours, Proc. Int.
 Symp., 6th, 1975 PAGES: 242-5 CODEN: APDCDT LANGUAGE:
 English
 SECTION:
 CA904000 Toxicology
 CA903XXX Biochemical Interactions
 IDENTIFIERS: review vinyl chloride biol activity,
 mutagenicity vinyl chloride review

85104835 CA: 85(15)104835x JOURNAL
 Fate of carbon-14-labeled vinyl chloride following
 inhalation exposure in rats
 AUTHOR: Watanabe, P. G.; McGowan, G. R.; Madrid, E. O.;
 Gehring, P. J.
 LOCATION: Health Environ. Res. Anal. Lab., Dow Chem. U.S.A.,
 Midland, Mich.
 JOURNAL: Toxicol. Appl. Pharmacol. DATE: 1976 VOLUME: 37
 NUMBER: 1 PAGES: 49-59 CODEN: TXAPA9 LANGUAGE:
 English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: vinyl chloride metab

85098828 CA: 85(14)98828d TECHNICAL REPORT
 Dynamic behavior of vinyl chloride in aquatic ecosystems
 AUTHOR: Hill, James, IV; Kollig, Heinz P.; Paris, Doris F.;
 Wolfe, N. Lee; Zepp, Richard G.
 LOCATION: Environ. Res. Lab., U. S. Environ. Prot. Agency,
 Athens, Ga.
 JOURNAL: U. S. Environ. Prot. Agency, Off. Res. Dev., (Rep.)
 EPA DATE: 1976 NUMBER: EPA-600/3-76-001 PAGES: 64 pp.
 CODEN: XPARDG LANGUAGE: English
 SECTION:
 CA961001 Water
 IDENTIFIERS: vinyl chloride aquatic ecosystem

85098626 CA: 85(14)98626m JOURNAL
 On the justification for using experimental psychological
 studies in differential diagnostics of neurotic and
 neurosislike syndromes
 AUTHOR: Rostovtseva, G. G.
 LOCATION: Gorki, Med. Inst., Gorki, USSR
 JOURNAL: Nek. Aktual. Vopr. Biol. Med. (Gorkiy) DATE: 1974
 VOLUME: 3, PAGES: 163-4 CODEN: NKVMDJ LANGUAGE:
 Russian
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 IDENTIFIERS: vinyl chloride intoxication neurosis, methyl
 methacrylate intoxication neurosis, psychosyndrome vinyl
 monomer intoxication, safety vinyl monomer neurosis

85087922 CA: 85(13)87922d JOURNAL
 The non-mutagenicity and -recombinogenicity of vinyl
 chloride in the absence of metabolic activation
 AUTHOR: Shahin, Majdi M.
 LOCATION: Dep. Genet., Univ. Alberta, Edmonton, Alberta
 JOURNAL: Mutat. Res. DATE: 1976 VOLUME: 40 NUMBER: 3
 PAGES: 269-72 CODEN: MUREAV LANGUAGE: English
 SECTION:
 CA903002 Biochemical Interactions
 CA904XXX Toxicology
 IDENTIFIERS: reversion Saccharomyces vinyl chloride, yeast
 vinyl chloride mutation, recombination Saccharomyces vinyl
 chloride

85082673 CA: 85(12)82673p TECHNICAL REPORT
 Health hazard evaluation/toxicity determination report
 74-85-185, M. H. Gall Company, Lancaster, Pennsylvania
 AUTHOR: Straub, Wesley E.
 LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
 JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
 PB-246492 PAGES: 10 pp. CODEN: XPBRCA LANGUAGE:
 English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
 76(4), AVAIL: NTIS
 SECTION:

CA959003 Air Pollution and Industrial Hygiene
 CA937XXX Plastics Fabrication and Uses
 IDENTIFIERS: vinyl chloride health hazard, safety PVC
 laminate, air pollution vinyl chloride

85082672 CA: 85(12)82672n TECHNICAL REPORT
 Health hazard evaluation/toxicity determination report
 74-151-181, Western Forge Corporation, Colorado Springs,
 Colorado
 AUTHOR: Butler, George J.
 LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
 JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
 PB-246497 PAGES: 7 pp. CODEN: XPBRCA LANGUAGE:
 English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
 76(4), 52 AVAIL: NTIS
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA942XXX Coatings, Inks, and Related Products
 CA937XXX Plastics Fabrication and Uses
 IDENTIFIERS: vinyl chloride health hazard, PVC coating
 packing hazard, air pollution vinyl chloride, safety PVC
 coating

85082671 CA: 85(12)82671m TECHNICAL REPORT
 Health hazard evaluation/toxicity determination report
 74-149-180, Protecto Wrap Company, Denver, Colorado
 AUTHOR: Butler, George J.
 LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
 JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:
 PB-246496 PAGES: 7 pp. CODEN: XPBRCA LANGUAGE:
 English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
 76(4), 51 AVAIL: NTIS
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA942XXX Coatings, Inks, and Related Products
 CA937XXX Plastics Fabrication and Uses
 IDENTIFIERS: vinyl chloride health hazard, air pollution
 vinyl chloride, PVC coating health hazard, safety PVC coating

R&S 138014

85073116 CA: 85(11)73116g JOURNAL

A comparison of the mutagenic properties of vinyl chloride and methyl chloride

AUTHOR: Andrews, A. W.; Zawistowski, E. S.; Valentine, C. R.

LOCATION: Frederick Cancer Res. Cent., Frederick, Md.

JOURNAL: Mutat. Res. DATE: 1976 VOLUME: 40 NUMBER: 3

PAGES: 273-5 CODEN: MUREAV LANGUAGE: English

SECTION:

CA904003 Toxicology

CA903XXX Biochemical Interactions

IDENTIFIERS: mutagenicity methyl chloride, vinyl chloride mutagenicity

85072819 CA: 85(11)72819b JOURNAL

Ostwald solubility coefficients of some industrially important substances

AUTHOR: Sherwood, R. J.

LOCATION: Colt Int. Ltd., Havant/Hampshire, Engl.

JOURNAL: Br. J. Ind. Med. DATE: 1976 VOLUME: 33

NUMBER: 2 PAGES: 106-7 CODEN: BJIMAG LANGUAGE: English

SECTION:

CA903001 Biochemical Interactions

CA904XXX Toxicology

IDENTIFIERS: benzene Ostwald soly coeff, xylene Ostwald soly coeff, toluene Ostwald soly coeff, vinyl chloride soly coeff, blood hydrocarbon soly coeff, fat hydrocarbon soly coeff

85072048 CA: 85(11)72048z JOURNAL

A chemical basis for the antitumor activity of chloroethylnitrosoureas

AUTHOR: Colvin, Michael; Brundrett, Robert B.; Cowens, Wayne; Jardine, Ian; Ludlum, David B.

LOCATION: Sch. Med., Johns Hopkins Univ., Baltimore, Md.

JOURNAL: Biochem. Pharmacol. DATE: 1976 VOLUME: 25

NUMBER: 6 PAGES: 695-9 CODEN: BCPCAG LANGUAGE: English

SECTION:

CA901004 Pharmacodynamics

CA923XXX Aliphatic Compounds

IDENTIFIERS: chloroethylnitrosourea decomn antitumor activity, haloethylnitrosourea neoplasm inhibitor decomn

85067479 CA: 85(10)67479m TECHNICAL REPORT

Health hazard evaluation/toxicity determination report 74-71-142, Dulco Remy Division, Anaheim, California

AUTHOR: Okawa, Melvin T.

LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio

JOURNAL: U. S. NTIS, PB Rep. DATE: 1974 NUMBER:

PB-246489 PAGES: 5 pp. CODEN: XPBRCA LANGUAGE:

English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,

76(4), AVAIL: NTIS

SECTION:

CA959003 Air Pollution and Industrial Hygiene

CA937XXX Plastics Fabrication and Uses

IDENTIFIERS: vinyl chloride health hazard, PVC battery separator hazard

85067478 CA: 85(10)67478k TECHNICAL REPORT

Health hazard evaluation/toxicity determination report 74-96-173, Richdel Corporation, Carson City, Nevada

AUTHOR: Okawa, Melvin T.

LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio

JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:

PB-246494 PAGES: 8 pp. CODEN: XPBRCA LANGUAGE:

English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,

76(4), 51 AVAIL: NTIS

SECTION:

CA959003 Air Pollution and Industrial Hygiene

CA937XXX Plastics Fabrication and Uses

IDENTIFIERS: health hazard vinyl chloride, injection molding PVC hazard

85067474 CA: 85(10)67474f TECHNICAL REPORT

Health hazard evaluation/toxicity determination report 74-89-189, New York Telephone and Telegraph Company, New York, N. Y.

AUTHOR: Straub, Wesley E.

LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio

JOURNAL: U. S. NTIS, PB Rep. DATE: 1975 NUMBER:

PB-246493 PAGES: 7 pp. CODEN: XPBRCA LANGUAGE:

English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,

76(4), 51 AVAIL: NTIS

SECTION:

CA959003 Air Pollution and Industrial Hygiene

CA937XXX Plastics Fabrication and Uses

IDENTIFIERS: telephone cable tape hazard, insulator tape health hazard

85067472 CA: 85(10)67472d TECHNICAL REPORT
Health hazard evaluation/toxicity determination report
74-29-161, Ethyl Visqueen Division of Ethyl Corp., Terre
Haute, Indiana

AUTHOR: Butler, George J.; Bodner, Arnold H.
LOCATION: Natl. Inst. Occup. Saf. Health, Cincinnati, Ohio
JOURNAL: U. S. NTIS, PB Rep. DATE: 1974 NUMBER:
PB-246482 PAGES: 10 pp. CODEN: XPBRCA LANGUAGE:
English CITATION: Gov. Rep. Announce. Index (U. S.) 1976,
76(4), 50 AVAIL: NTIS

SECTION:
CA959003 Air Pollution and Industrial Hygiene
CA937XXX Plastics Fabrication and Uses
IDENTIFIERS: health hazard, PVC pipe prodn

85061527 CA: 85(9)61527d JOURNAL
Migration of minor constituents from food packaging
materials

AUTHOR: Gilbert, Seymour G.
LOCATION: Cook Coll., Rutgers State Univ., New Brunswick, N.
J.

JOURNAL: J. Food Sci. DATE: 1976 VOLUME: 41 NUMBER: 4
PAGES: 955-8 CODEN: JFDSA2 LANGUAGE: English

SECTION:
CA917002 Foods
CA937XXX Plastics Fabrication and Uses
IDENTIFIERS: packaging food contamination, vinyl chloride
food, PVC food contamination

85057698 CA: 85(9)57698t JOURNAL
Vinyl chloride-induced depression of hepatic non-protein
sulphydryl content and effects on bromosulphatein (BSP)
clearance in rats

AUTHOR: Watanabe, Philip G.; Hefner, Robert E., Jr.;
Gehring, Perry J.

LOCATION: Toxicol. Res. Lab., Dow Chem. Co., Midland, Mich.
JOURNAL: Toxicology DATE: 1976 VOLUME: 6 NUMBER: 1
PAGES: 1-8 CODEN: TXCYAC LANGUAGE: English

SECTION:
CA904003 Toxicology
IDENTIFIERS: liver sulphydryl vinyl chloride, serum
bromosulphatein vinyl chloride, bromosulphatein clearance
vinyl chloride

85057613 CA: 85(9)57613m JOURNAL
Liver microsome-mediated formation of alkylating agents from
vinyl bromide and vinyl chloride

AUTHOR: Barbin, A.; Bresil, H.; Croisy, A.; Jacquignon, P.;
Malaville, C.; Montesano, R.; Bartsch, H.

LOCATION: Unit Chem. Carcinogenesis, Int. Agency Res. Cancer
Lyons
JOURNAL: Biochem. Biophys. Res. Commun. DATE: 1975

VOLUME: 67 NUMBER: 2 PAGES: 596-603 CODEN: BBRC9
LANGUAGE: English

SECTION:
CA904003 Toxicology
IDENTIFIERS: vinyl halide metab liver microsome, alkylating
agent liver vinyl halide

85057530 CA: 85(9)57530g JOURNAL
Review of animal studies (dealing with vinyl chloride)

AUTHOR: Williamson, K. S.
LOCATION: Cent. Med. Group, Imp. Chem. Ind. Ltd.,
Wilmslow/Cheshire, Engl.

JOURNAL: Proc. R. Soc. Med. DATE: 1976 VOLUME: 69
NUMBER: 4 PAGES: 281-3 CODEN: PRSMA4 LANGUAGE:
English

SECTION:
CA904000 Toxicology
IDENTIFIERS: review vinyl chloride toxicity

85041724 CA: 85(7)41724n JOURNAL
Fate of (14C)-vinyl chloride after single oral
administration in rats

AUTHOR: Watanabe, P. G.; McGowan, G. R.; Gehring, P. J.
LOCATION: Toxicol. Res. Lab., Dow Chem. Co., Midland, Mich.

JOURNAL: Toxicol. Appl. Pharmacol. DATE: 1976 VOLUME: 36
NUMBER: 2 PAGES: 339-52 CODEN: TXAPA9 LANGUAGE:
English

SECTION:
CA904003 Toxicology
IDENTIFIERS: vinyl chloride metab

85015036 CA: 85(3)15036v JOURNAL
Carcinogenic role of vinyl chloride

AUTHOR: Pelfrene, A. F.
LOCATION: Med. Cent., Univ. Nebraska, Omaha, Nebr.
JOURNAL: Nouv. Presse Med. DATE: 1976 VOLUME: 5
NUMBER: 15 PAGES: 999-1000 CODEN: NPMDAD LANGUAGE:
French

SECTION:
CA904007 Toxicology
IDENTIFIERS: vinyl chloride carcinogen potemic

85009762 CA: 85(2)9762n JOURNAL
 The vinyl chloride problem: the ever producing PVC industry
 AUTHOR: Norgren, Marten
 LOCATION: Swed.
 JOURNAL: Tek. Tidskr. DATE: 1976 VOLUME: 106 NUMBER:
 1-2 PAGES: 24-5 CODEN: TTIDAJ LANGUAGE: Swedish
 SECTION:
 CA959000 Air Pollution and Industrial Hygiene
 IDENTIFIERS: review vinyl chloride hazard, health hazard
 vinyl chloride review, safety vinyl chloride review

84180885 CA: 84(26)180885h PATENT
 Discontinuous polymerization of vinyl chloride in suspension
 while avoiding vinyl chloride emission
 INVENTOR(AUTHOR): Winter, Hermann; Schoenberg, Karl H.;
 Lautsch, Alfred; Walther, Juergen; Schleicher, Rudolf
 LOCATION: Ger.
 ASSIGNEE: Chemische Werke Huels A.-G.
 PATENT: Germany Offen.; DE 2442574 DATE: 760325
 APPLICATION: Germany; DE P2442574944 DATE: 740905
 PAGES: 11 pp. CODEN: GWXXBX CLASS: C08F
 SECTION:
 CA935003 Synthetic High Polymers
 CA959XXX Air Pollution and Industrial Hygiene
 IDENTIFIERS: vinyl chloride pollution prevention, suspension
 polymn vinyl chloride, PVC manuf pollution prevention

84178350 CA: 84(25)178350m JOURNAL
 Hygienic chemical studies on poly(vinyl chloride) containers
 and packages
 AUTHOR: Watanabe, Yuji; Sato, Kenichi; Yoshida, Reiko; Suwa,
 Setsuko; Fujii, Teru
 LOCATION: Tokyo Metrop. Res. Lab. Public Health, Tokyo,
 Japan
 JOURNAL: Tokyo Toritsu Eisai Kenkyusho Kenkyu Nempo DATE:
 1975 VOLUME: 26-1. PAGES: 230-5 CODEN: TRENAF
 LANGUAGE: Japanese
 SECTION:
 CA917002 Foods
 CA937XXX Plastics Fabrication and Uses
 IDENTIFIERS: PVC packaging food, vinyl chloride food
 packaging

84168929 CA: 84(24)168929t TECHNICAL REPORT
 Survey reports on atmospheric emissions from the
 petrochemical industry. Volume IV
 AUTHOR: Pervier, J. W.; Barley, R. C.; Field, D. E.;
 Friedman, B. M.; Morris, R. B.
 LOCATION: Houdry Div., Air Prod. and Chem., Inc., Marcus
 Hook, Pa.
 JOURNAL: J. S. NTIS. PB Rep. DATE: 1974 NUMBER:
 PB-2456 PAGES: 287 pp. CODEN: XPBRCA LANGUAGE:

English CITATION: Gov. Rep. Announce. Index (U. S.) 1975.
 75(26). 56 AVAIL: NTIS
 SECTION:
 CA959002 Air Pollution and Industrial Hygiene
 CA951XXX Fossil Fuels, Derivatives, and Related Products
 IDENTIFIERS: petrochem industry air pollution

84163017 CA: 84(23)163017j JOURNAL
 Update on PVC situation
 AUTHOR: Lees, J. R.
 LOCATION: Plast. Group, Ethyl Corp., Baton Rouge, La.
 JOURNAL: Proc. Meat Ind. Res. Conf. DATE: 1975 PAGES:
 77-80 CODEN: PMIDAS LANGUAGE: English
 SECTION:
 CA917002 Foods
 CA937XXX Plastics Fabrication and Uses
 IDENTIFIERS: PVC food packaging, bottle PVC food

84163016 CA: 84(23)163016h JOURNAL
 Residues of vinyl chloride monomer in edible oils
 AUTHOR: Roesli, M.; Zimmerli, B.; Marek, B.
 LOCATION: Eidg. Gesundheitsamt, Bern, Switz.
 JOURNAL: Mitt. Geb. Lebensmittelunters. Hyg. DATE: 1975
 VOLUME: 66 NUMBER: 4 PAGES: 507-11 CODEN: MGLHAE
 LANGUAGE: German
 SECTION:
 CA917002 Foods
 CA937XXX Plastics Fabrication and Uses
 IDENTIFIERS: vinyl chloride oil, PVC oil vinyl chloride

84160251 CA: 84(23)160251v JOURNAL
 Vinyl chloride dependent mutagensis: effects of liver
 extracts and free radicals
 AUTHOR: Garro, A. J.; Guttenplan, J. B.; Milvy, P.
 LOCATION: Mt. Sinai Sch. Med., City Univ. New York, New York
 , N. Y.
 JOURNAL: Mutat. Res. DATE: 1976 VOLUME: 38 NUMBER: 2
 PAGES: 81-8 CODEN: MUREAV LANGUAGE: English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: vinyl chloride metab mutagenesis,
 dimethylnitrosamine metab mutagenesis

R&S 138017

84160167 CA: 84(23)160167x JOURNAL
 A new occupational disease resulting from prolonged exposure
 to vinyl chloride
 AUTHOR: Gluszczy, Maria
 LOCATION: Inst. Occup. Med., Lodz, Pol.
 JOURNAL: Med. Pr. DATE: 1975 VOLUME: 26 NUMBER: 5
 PAGES: 447-56 CODEN: MEPAAX LANGUAGE: Polish
 SECTION:
 CA904000 Toxicology
 IDENTIFIERS: vinyl chloride occupational disease review

84154828 CA: 84(22)154828x JOURNAL
 Vinyl chloride disease
 AUTHOR: Moll, Walter
 LOCATION: Walsrode, Ger.
 JOURNAL: Forum Umwelt Hyg. DATE: 1975 NUMBER: 8
 PAGES: 235-6 CODEN: FUHYDZ LANGUAGE: German
 SECTION:
 CA959000 Air Pollution and Industrial Hygiene
 IDENTIFIERS: review vinyl chloride health hazard, safety
 vinyl chloride review

84145522 CA: 84(21)145522r JOURNAL
 Pharmacodynamics and uptake of vinyl chloride monomer
 administered by various routes to rats
 AUTHOR: Withey, Jim R.
 LOCATION: Bur. Chem. Saf., Health Prot. Branch, Ottawa, Ont.
 JOURNAL: J. Toxicol. Environ. Health DATE: 1976 VOLUME:
 1 NUMBER: 3 PAGES: 381-94 CODEN: JTEHD6 LANGUAGE:
 English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: vinyl chloride absorption elimination, blood
 vinyl chloride metab

84145429 CA: 84(21)145429r JOURNAL
 On the toxicity of vinyl chloride monomer
 AUTHOR: Sakurada, Ichiro
 LOCATION: Kyoto Univ., Kyoto, Japan
 JOURNAL: Kobunshi Kako DATE: 1975 VOLUME: 24 NUMBER:
 12 PAGES: 392-3 CODEN: KOKABN LANGUAGE: Japanese
 SECTION:
 CA904000 Toxicology
 IDENTIFIERS: review vinyl chloride toxicity, health hazard
 vinyl chloride review, liver neoplasm vinyl chloride review

84140182 CA: 84(20)140182v JOURNAL
 Industrial monitoring: a cytogenetic approach
 AUTHOR: Killian, D. J.; Picciano, D. J.; Jacobson, C. B.
 LOCATION: Dep. Ind. Med. Biomed Res., Dow Chem. U.S.A.,

Freeport, Tex.
 JOURNAL: Ann. N. Y. Acad. Sci. DATE: 1975 VOLUME: 269
 NUMBER: Occup. Monit. Genet. Hazards PAGES: 4-11 CODEN:
 ANYAA9 LANGUAGE: English
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 IDENTIFIERS: cytogenesis monitoring chem industry, vinyl
 chloride cytogenesis, chloroethylene cytogenesis

84140176 CA: 84(20)140176w JOURNAL
 Evaluation of the danger related to use in mines of
 epoxy-base materials
 AUTHOR: Sukhanov, V. V.
 LOCATION: Donetsk, USSR
 JOURNAL: Gig. Tr. DATE: 1974 VOLUME: 10 PAGES: 63-6
 CODEN: GITRBX LANGUAGE: Russian
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA936XXX Plastics Manufacture and Processing
 IDENTIFIERS: epoxy resin laminate hygiene, mine epoxy
 laminate hygiene, skin disease epoxy lamination, poisoning
 epoxy resin mine

84140087 CA: 84(20)140087t JOURNAL
 Questions of work safeguards from the viewpoint of chemical
 factories
 AUTHOR: Strunz, Wolfgang
 LOCATION: Vienna, Austria
 JOURNAL: Oesterr. Chem. Z. DATE: 1975 VOLUME: 76
 NUMBER: 12 PAGES: 1-3 CODEN: OCMZAX LANGUAGE: German
 SECTION:
 CA959002 Air Pollution and Industrial Hygiene
 IDENTIFIERS: chem industry air pollution, safety chem air
 pollution

84134153 CA: 84(19)134153v JOURNAL
 Problems on vinyl chloride monomer and safety of vinyl
 chloride stretchable films
 AUTHOR: Kimura, Makoto
 LOCATION: Enbi Shokuhin Eisei Kyogi-Kai, Japan
 JOURNAL: Kobunshi Kako DATE: 1975 VOLUME: 24 NUMBER:
 12 PAGES: 417-20 CODEN: KOKABN LANGUAGE: Japanese
 SECTION:
 CA917000 Foods
 IDENTIFIERS: review vinyl chloride food, PVC food review

84126090 CA: 84(18)126090g TECHNICAL REPORT
Scientific and technical assessment report on vinyl chloride and polyvinyl chloride

United States Environmental Protection Agency

LOCATION: Research Triangle Park, N. C.

JOURNAL: U. S. Environ. Prot. Agency, Off. Res. Dev., (Rep.)

EPA DATE: 1975 NUMBER: EPA-600/6-75-004 PAGES: 116

pp. CODEN: XPAR06 LANGUAGE: English

SECTION:

CA959000 Air Pollution and Industrial Hygiene

IDENTIFIERS: review vinyl chloride pollution, environment vinyl chloride review, health hazard vinyl chloride review, polyvinyl chloride pollution review, chloroethylene pollution review

84100599 CA: 84(15)100599e JOURNAL

Mutagenicity in vitro and potential carcinogenicity of chlorinated ethylenes as a function of metabolic oxirane formation

AUTHOR: Greim, H.; Bonse, G.; Radwan, Z.; Reichert, D.; Henschler, D.

LOCATION: Dep. Toxicol., Ges. Strahlen- und Umweltforsch., Munich-Neuherberg, Ger.

JOURNAL: Biochem. Pharmacol. DATE: 1975 VOLUME: 24

NUMBER: 21 PAGES: 2013-17 CODEN: BCPCAG LANGUAGE:

English

SECTION:

CA904007 Toxicology

IDENTIFIERS: mutagenicity chlorinated ethylene

84100347 CA: 84(15)100347w JOURNAL

Vinyl chloride-induced deactivation of cytochrome P-450 and other components of the liver mixed function oxidase system: an in vivo study

AUTHOR: Reynolds, Edward S.; Moslen, Mary T.; Szabo, Sandor; Jaeger, Rudolph J.

LOCATION: Dep. Pathol., Peter Bent Brigham Hosp., Boston, Mass.

JOURNAL: Res. Commun. Chem. Pathol. Pharmacol. DATE: 1975

VOLUME: 12 NUMBER: 4 PAGES: 685-94 CODEN: RCOCB8

LANGUAGE: English

SECTION:

CA904003 Toxicology

IDENTIFIERS: vinyl chloride liver enzyme, cytochrome P450 liver vinyl chloride, oxidase mixed function vinyl chloride

84100336 CA: 84(15)100336s JOURNAL

Biological fate in rats of vinyl chloride in relation to its oncogenicity

AUTHOR: Green, T.; Hathway, D. E.

LOCATION: Cent. Toxicol. Lab., Imp. Chem. Ind., Alderley Park/Cheshire, Engl.

JOURNAL: Chem.-Biol. Interact. DATE: 1975 VOLUME: 11

NUMBER: 6 PAGES: 545-62 CODEN: CBINA8 LANGUAGE:

English

SECTION:

CA904003 Toxicology

IDENTIFIERS: vinyl chloride metab carcinogenicity

R&S 138018

84094868 CA: 84(14)94868y JOURNAL

Epoxide-based materials and their potential danger

AUTHOR: Sukhanov, V. V.

LOCATION: Nauchno-Issled. Inst. Gig. Tr. Prof. Zabol., Leningrad, USSR

JOURNAL: Bezop. Tr. Prom-sti. DATE: 1973 VOLUME: 17

NUMBER: 8 PAGES: 46-7 CODEN: BZTPAM LANGUAGE: Russian

SECTION:

CA959003 Air Pollution and Industrial Hygiene

CA937XXX Plastics Fabrication and Uses

IDENTIFIERS: epoxy resin mastic safety

84085174 CA: 84(13)85174s JOURNAL

Observations on the oral administration and toxicity of vinyl chloride in rats

AUTHOR: Feron, V. J.; Speek, A. J.; Willems, Marianne I.; Van Battum, D.; De Groot, A. P.

LOCATION: Cent. Inst. Nutr. Food Res., TNO, Zeist, Neth.

JOURNAL: Food Cosmet. Toxicol. DATE: 1975 VOLUME: 13

NUMBER: 6 PAGES: 633-8 CODEN: FCTXAV LANGUAGE:

English

SECTION:

CA904003 Toxicology

IDENTIFIERS: vinyl chloride toxicity administration, PVC vinyl chloride administration

84085134 CA: 84(13)85134d JOURNAL

Percutaneous absorption of vinyl chloride

AUTHOR: Hefner, R. E., Jr.; Watanabe, P. G.; Gehring, P. J.

LOCATION: Toxicol. Res. Lab., Dow Chem. Co., Midland, Mich.

JOURNAL: Toxicol. Appl. Pharmacol. DATE: 1975 VOLUME: 34

NUMBER: 3 PAGES: 529-32 CODEN: TXAPA9 LANGUAGE:

English

SECTION:

CA904003 Toxicology

IDENTIFIERS: vinyl chloride skin absorption

84072727 CA: 84(11)72727z DISSERTATION
Sorption of vinyl chloride in various poly(vinyl chloride)-food simulating solvent systems

AUTHOR: Morano, James R.
LOCATION: Rutgers State Univ., New Brunswick, N. J.
DATE: 1975 PAGES: 104 pp. CODEN: DABBBB LANGUAGE: English
CITATION: Diss. Abstr. Int. B 1975, 36(5), 2257
AVAIL: Xerox Univ. Microfilms, Ann Arbor, Mich., Order No. 75-24,727

SECTION:
CA917002 Foods
CA937XXX Plastics Fabrication and Uses
IDENTIFIERS: vinyl chloride sorption food model

84069821 CA: 84(11)69821v JOURNAL

Toxicity of vinyl chloride
AUTHOR: Ikeda, Masayuki
LOCATION: Fac. Med., Tohoku Univ., Sendai, Japan
JOURNAL: Sangyo Igaku . DATE: 1975 VOLUME: 17 NUMBER: 2
PAGES: 69-79 CODEN: SAIGBL LANGUAGE: Japanese

SECTION:
CA904000 Toxicology
IDENTIFIERS: review vinyl chloride toxicity, health hazard
vinyl chloride review, neoplasm vinyl chloride review

84064727 CA: 84(10)64727j JOURNAL

Experience with assessing the hygienic and economic effects of health measures aimed at improving working conditions in production of plasticized poly(vinyl chloride) films

AUTHOR: Goryachkovskii, V. S.
LOCATION: Gorodskaya Sanepidstants., Slavyansk, USSR
JOURNAL: Gig. Tr. Prof. Zabol. DATE: 1975 NUMBER: 8
PAGES: 4-8 CODEN: GTPZAB LANGUAGE: Russian

SECTION:
CA959003 Air Pollution and Industrial Hygiene
CA936XXX Plastics Manufacture and Processing
IDENTIFIERS: Industrial hygiene PVC manuf

84064723 CA: 84(10)64723e JOURNAL

Survey and analysis of halocarbons in the atmosphere by gas chromatography-mass spectrometry

AUTHOR: Grimsrud, E. P.; Rasmussen, R. A.
LOCATION: Coll. Eng., Washington State Univ., Pullman, Wash.
JOURNAL: Atmos. Environ. DATE: 1975 VOLUME: 9 NUMBER: 11
PAGES: 1014-17 CODEN: ATENBP LANGUAGE: English

SECTION:
CA959002 Air Pollution and Industrial Hygiene
IDENTIFIERS: chlorocarbon atm Northwest USA, gas chromatog
chlorofluorocarbon air, halocarbon air gas chromatog

84064636 CA: 84(10)64636d JOURNAL

Vinyl chloride problem

AUTHOR: Huber, Hans

LOCATION: Hoechst A.-G., Gendorf/Obb, Ger.

JOURNAL: Chem.-Ing.-Tech. DATE: 1975 VOLUME: 47
NUMBER: 19 PAGES: 803-7 CODEN: CITEAH LANGUAGE: German

SECTION:
CA959000 Air Pollution and Industrial Hygiene
CA936XXX Plastics Manufacture and Processing
IDENTIFIERS: review vinyl chloride hygiene. PVC hygiene review

R&S 138019

84060278 CA: 84(10)60278r CONFERENCE PROCEEDING

Controlling and reducing monomer content in PVC formulations

AUTHOR: Adam, Hans J.

LOCATION: Werner and Pfleiderer Corp., Waldwick, N. J.

JOURNAL: Adv. Plast. Technol., Annu. Pac. Tech. Conf. Tech. Displ., 1st DATE: 1975 PAGES: 108-11 CODEN: 31XVA0
LANGUAGE: English PUBLISHER: SPE, Greenwich, Conn

SECTION:
CA936000 Plastics Manufacture and Processing
CA959XXX Air Pollution and Industrial Hygiene
IDENTIFIERS: review monomer removal PVC, vinyl chloride removal PVC review, safety PVC processing review, environment PVC processing review

84054841 CA: 84(9)54841c JOURNAL

Food and Drug Administration and the vinyl chloride problem. Overview

AUTHOR: Schaffner, Robert M.; Lombardo, Pasquale

LOCATION: Bur. Foods, Food Drug Adm., Washington, D. C.

JOURNAL: J. Assoc. Off. Anal. Chem. DATE: 1975 VOLUME: 58
NUMBER: 6 PAGES: 1211-13 CODEN: JANCA2
LANGUAGE: English

SECTION:
CA904000 Toxicology
IDENTIFIERS: review vinyl chloride cancer

R&S 138020

84054828 CA: 84(9)54828d JOURNAL

Vinyl chloride. How many unknown problems

AUTHOR: Haley, Thomas J.

LOCATION: Natl. Cent. Toxicol. Res., Food Drug Adm., Jefferson, Ark.

JOURNAL: J. Toxicol. Environ. Health DATE: 1975 VOLUME:

1 NUMBER: 1 PAGES: 47-73 CODEN: JTEHD6 LANGUAGE: English

SECTION:

CA904000 Toxicology

IDENTIFIERS: review vinyl chloride toxicity carcinogenicity

84039527 CA: 84(7)39527m JOURNAL

Hepatotoxicity of vinyl chloride and 1,1-dichloroethylene. Role of mixed function oxidase system

AUTHOR: Reynolds, Edward S.; Moslen, Mary T.; Szabo, Sandor; Jaeger, Rudolph J.; Murphy, Sheldon D.

LOCATION: Dep. Pathol., Peter Bent Brigham Hosp., Boston, Mass.

JOURNAL: Am. J. Pathol. DATE: 1975 VOLUME: 81 NUMBER: 1 PAGES: 219-36 CODEN: AJPA44 LANGUAGE: English

SECTION:

CA904007 Toxicology

IDENTIFIERS: vinyl chloride liver toxicity, dichloroethylene liver toxicity, carcinogen liver toxicity, cytochrome P450 liver toxin, chlorinated hydrocarbon liver toxicity

84034711 CA: 84(6)34711g JOURNAL

Vinyl chloride toxicity. Current knowledge

AUTHOR: Foa, V.; Bertazzi, P. A.

LOCATION: Clin. Lav. "L. Devoto", Univ. Milano, Milan, Italy JOURNAL: Med. Lav. DATE: 1974 VOLUME: 65 NUMBER: 11-12

PAGES: 401-20 CODEN: MELAAD LANGUAGE: Italian

SECTION:

CA959000 Air Pollution and Industrial Hygiene

CA936XXX Plastics Manufacture and Processing

IDENTIFIERS: review vinyl chloride toxicol., polyvinyl chloride toxicol review

84013267 CA: 84(3)13267b JOURNAL

Mutagenicity of chloroacetaldehyde, a possible metabolic product of 1,2-dichloroethane (ethylene dichloride), chloroethanol (ethylene chlorohydrin), vinyl chloride, and cyclophosphamide

AUTHOR: McCann, Joyce; Simmon, Vincent; Streitwieser, David; Ames, Bruce N.

LOCATION: Biochem. Dep., Univ. California, Berkeley, Calif. JOURNAL: Proc. Natl. Acad. Sci. U. S. A. DATE: 1975 VOLUME: 72 NUMBER: 8 PAGES: 3190-3 CODEN: PNASAG LANGUAGE: English

SECTION:

CA904007 Toxicology

CA901XXX Pharmacodynamics

CA903XXX Biochemical Interactions

IDENTIFIERS: mutagenicity chloroacetaldehyde chloroethanol vinyl chloride, cyclophosphamide mutagenicity

84013262 CA: 84(3)13262w JOURNAL

Rat liver microsomes catalyze covalent binding of 14C-vinyl chloride to macromolecules

AUTHOR: Kappus, H.; Bolt, H. M.; Buchter, A.; Bolt, W.

LOCATION: Inst. Toxicol., Univ. Tuebingen, Tuebingen, Ger. JOURNAL: Nature (London) DATE: 1975 VOLUME: 257

NUMBER: 5522 PAGES: 134-5 CODEN: NATUAS LANGUAGE: English

SECTION:

CA904007 Toxicology

CA913XXX Mammalian Biochemistry

IDENTIFIERS: microsome vinyl chloride metab., macromol binding vinyl chloride

84008668 CA: 84(2)8668d JOURNAL

Trace composition of human respiratory gas

AUTHOR: Conkie, James P.; Camp, Bennie J.; Welch, Billy E. LOCATION: Sch. Aerosp. Med., U. S. Air Force, Brooks AFB, Tex.

JOURNAL: Arch. Environ. Health DATE: 1975 VOLUME: 30 NUMBER: 6 PAGES: 290-5 CODEN: AEHLAU LANGUAGE: English

SECTION:

CA959005 Air Pollution and Industrial Hygiene

CA913XXX Mammalian Biochemistry

IDENTIFIERS: toxic constituent human respiratory gas, cryogenic sampling human respiratory gas

84001070 CA: 84(1)1070u JOURNAL

Mutation induction in Chinese hamster V79 cells by two vinyl chloride metabolites, chloroethylene oxide and 2-chloroacetaldehyde

AUTHOR: Huberman, Eliezer; Bartsch, Helmut; Sachs, Leo

LOCATION: Dep. Genet., Weizmann Inst. Sci., Rehovot, Israel JOURNAL: Int. J. Cancer DATE: 1975 VOLUME: 16 NUMBER: 4

PAGES: 639-44 CODEN: IJCNW LANGUAGE: English

SECTION:

CA904007 Toxicology

CA903XXX Biochemical Interactions

IDENTIFIERS: vinyl chloride metabolite mutation, chloroethylene oxide mutation, chloroacetaldehyde mutation

83176831 CA: 83(21)176831z JOURNAL
 Vinyl chloride polymers in contact with food
 AUTHOR: Anon.
 LOCATION: Food Drug Adm., Washington, D. C.
 JOURNAL: Fed. Regist. DATE: 1975 VOLUME: 40 NUMBER:
 171 PAGES: 40529-37 CODEN: FEREAC LANGUAGE: English
 SECTION:
 CA917002 Foods
 CA937XXX Plastics Fabrication and Uses
 CA904XXX Toxicology
 IDENTIFIERS: PVC food vinyl chloride

83158884 CA: 83(19)158884q JOURNAL
 Use of experimental tests in the prediction of environmental
 oncogenic risk. Vinyl chloride
 AUTHOR: Maltoni, Cesare; Lefemine, Giuseppe
 LOCATION: Italy
 JOURNAL: Atti Accad. Naz. Lincei, Cl. Sci. Fis., Mat. Nat.,
 Rend. DATE: 1975 VOLUME: 56 NUMBER: 3 PAGES:
 412-22 CODEN: AANLAW LANGUAGE: Italian
 SECTION:
 CA904007 Toxicology
 IDENTIFIERS: vinyl chloride carcinogenicity, tumor prodn
 vinyl chloride, health hazard vinyl chloride

83158882 CA: 83(19)158882n JOURNAL
 Fate of inhaled vinyl chloride monomer in rats
 AUTHOR: Hefner, R. E., Jr.; Watanabe, P. G.; Gehring, P. J.
 LOCATION: Health Environ. Res., Dow Chem. USA, Midland,
 Mich.
 JOURNAL: Environ. Health Perspect. DATE: 1975 VOLUME:
 11, PAGES: 85-95 CODEN: EVHPAZ LANGUAGE: English
 SECTION:
 CA904007 Toxicology
 IDENTIFIERS: vinyl chloride metab

83158676 CA: 83(19)158676y JOURNAL
 Biochemical toxicology of unsaturated halogenated monomers
 AUTHOR: Jaeger, Rudolph J.; Conolly, Rory B.; Reynolds, E.
 S.; Murphy, Sheldon D.
 LOCATION: Kresge Cent. Environ. Health, Harvard Sch. Public
 Health, Boston, Mass.
 JOURNAL: Environ. Health Perspect. DATE: 1975 VOLUME:
 11, PAGES: 121-8 CODEN: EVHPAZ LANGUAGE: English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: chloroethylene toxicity liver, chlorobutadiene
 toxicity liver, vinyl chloride dichloroethylene hepatotoxicity

Recipient capacity of the sea for chlorinated hydrocarbons
 AUTHOR: Ernst, W.
 LOCATION: Inst. Meeresforsch., Bremerhaven, Ger.
 JOURNAL: Interocean. Int. Kongr. Ausstellung Meeresforsch.
 Meeresnutzung, Kongr.-Berichtswerk, 2nd EDITOR: Kruppa, C
 (Ed) DATE: 1973 VOLUME: 2. PAGES: 695-710 CODEN:
 3IKLAV LANGUAGE: German PUBLISHER: Seehafen-Verlag Erik
 Blumenfeld, Hamburg, Ger
 SECTION:
 CA904000 Toxicology
 IDENTIFIERS: review chlorinated hydrocarbon ocean pollution,
 environment marine chlorinated hydrocarbon review

83145870 CA: 83(17)145870g JOURNAL
 Vinyl chloride monomer levels in edible fats
 AUTHOR: Fuchs, Georg; Gawell, Britt M.; Albanus, Lennart;
 Slorach, Stuart
 LOCATION: Food Lab., Natl. Food Adm., Stockholm, Swed.
 JOURNAL: Var Foeda DATE: 1975 VOLUME: 27 NUMBER: 3
 PAGES: 134-45 CODEN: VAFOAS LANGUAGE: Swedish
 SECTION:
 CA917002 Foods
 IDENTIFIERS: butter vinyl chloride packaging, margarine
 vinyl chloride packaging, vinyl chloride packaging fat

83142668 CA: 83(17)142668m JOURNAL
 Effects of vinyl chloride exposures to rats pretreated with
 phenobarbital
 AUTHOR: Drew, Robert T.; Harper, Curtis; Gupta, Bohla N.;
 Talley, Fred A.
 LOCATION: Pharmacol. Branch, Natl. Inst. Environ. Health
 Sci., Research Triangle Park, N. C.
 JOURNAL: Environ. Health Perspect. DATE: 1975 VOLUME:
 11, PAGES: 235-42 CODEN: EVHPAZ LANGUAGE: English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: vinyl chloride toxicity phenobarbital,
 methylcholanthrene vinyl chloride toxicity, liver vinyl
 chloride phenobarbital

83109335 CA: 83(13)109335c JOURNAL

Preliminary studies of the fate of inhaled vinyl chloride monomer in rats

AUTHOR: Hefner, R. E.; Watanabe, P. G.; Gehring, P. J.
LOCATION: Health Environ. Res., Dow Chem. U.S.A., Midland, Mich.

JOURNAL: Ann. N. Y. Acad. Sci. DATE: 1975 VOLUME: 246..

PAGES: 135-48 CODEN: ANYAA9 LANGUAGE: English

SECTION:

CA904003 Toxicology

IDENTIFIERS: vinyl chloride metab. chloroacetate vinyl chloride metab. dehydrogenase vinyl chloride metab

83091871 CA: 83(11)91871n JOURNAL

Vinyl chloride carcinogenesis. Current results and perspectives

AUTHOR: Maltoni, C.; Lefemine, G.; Chioco, P.; Carretti, Donata

LOCATION: Ist. Oncol., Bologna, Italy

JOURNAL: Med. Lav. DATE: 1974 VOLUME: 65 NUMBER:

11-12 PAGES: 421-44 CODEN: MELAAD LANGUAGE: English

SECTION:

CA904003 Toxicology

IDENTIFIERS: vinyl chloride tumor, carcinogenesis vinyl chloride

83091723 CA: 83(11)91723r JOURNAL

Toxicology of the vinyl chloride monomer

AUTHOR: Lefaux, R.

LOCATION: Cons. Super. Hyg. Publ. France, Le Raincy, Fr.

JOURNAL: Ann. Hyg. Lang. Fr. - Med. Nutr. DATE: 1975

VOLUME: 11 NUMBER: 1 PAGES: 33-6 CODEN: AHLFAU

LANGUAGE: French

SECTION:

CA904000 Toxicology

IDENTIFIERS: review vinyl chloride toxicity

83091690 CA: 83(11)91690c JOURNAL

Vinyl chloride. Toxicity and use in the plastics industry

AUTHOR: Kekki-Hellman, Annele

LOCATION: Puun Muovien Kem. Laitos, Helsingin Yliopisto, Helsinki, Finland

JOURNAL: Kem. - Kemi DATE: 1975 VOLUME: 2 NUMBER: 4

PAGES: 159-62 CODEN: KMKMAA LANGUAGE: Finnish

SECTION:

CA904000 Toxicology

IDENTIFIERS: review vinyl chloride toxicity

830820 CA: 83(10)82025n JOURNAL

Limit of superheat and explosive boiling of light

hydrocarbons, halocarbons, and hydrocarbon mixtures

AUTHOR: Porteous, William; Blander, Milton

LOCATION: Chem. Eng. Dep., Massachusetts Inst. Technol., Cambridge, Mass.

JOURNAL: AIChE J. DATE: 1975 VOLUME: 21 NUMBER: 3

PAGES: 560-6 CODEN: AIChEAC LANGUAGE: English

SECTION:

CA948005 Unit Operations and Processes

CA951XXX Fossil Fuels, Derivatives, and Related Products

CA969XXX Thermodynamics, Thermochemistry, and Thermal Properties

IDENTIFIERS: boiling explosive superheat limit, hydrocarbon boiling superheat limit, halocarbon boiling superheat limit, fluoroethane boiling superheat limit, chloroethane boiling superheat limit, chloromethane boiling superheat limit

83080045 CA: 83(10)80045v JOURNAL

Production and hygienic problems of plastic commodities

AUTHOR: Oki, Yoshio

LOCATION: Toyo Can Manuf. Co., Ltd., Tokyo, Japan

JOURNAL: Purasuchikkusu DATE: 1975 VOLUME: 26 NUMBER:

3 PAGES: 9-13 CODEN: PRSKAW LANGUAGE: Japanese

SECTION:

CA936000 Plastics Manufacture and Processing

IDENTIFIERS: review plastic manuf safety, toxicity phthalate ester review, vinyl chloride toxicity review

83054336 CA: 83(7)54336w JOURNAL

Foreign-body tumorigenesis by vinyl chloride vinyl acetate copolymer. No evidence for chemical cocarcinogenesis

AUTHOR: Brand, K. Gerhard; Buoen, Lance C.; Brand, Inge

LOCATION: Med. Sch., Univ. Minnesota, Minneapolis, Minn.

JOURNAL: J. Natl. Cancer Inst. DATE: 1975 VOLUME: 54

NUMBER: 5 PAGES: 1259-62 CODEN: JNCIAM LANGUAGE: English

SECTION:

CA904007 Toxicology

IDENTIFIERS: vinyl chloride polymer carcinogenesis, vinyl acetate polymer carcinogenesis

83047507 CA: 83(6)47507z JOURNAL
Industrial toxicology of vinyl chloride. Review
AUTHOR: Holmberg, Bo; Molina, Gustavo
LOCATION: Dep. Occup. Health, Natl. Board Occup. Saf. Health
, Stockholm, Swed.
JOURNAL: Work, Environ., Health DATE: 1974 VOLUME: 11
NUMBER: 3 PAGES: 138-44 CODEN: WEHSAL LANGUAGE:
English

SECTION:
CA959000 Air Pollution and Industrial Hygiene
CA923XXX Aliphatic Compounds
CA936XXX Plastics Manufacture and Processing
IDENTIFIERS: safety vinyl chloride review, bone.vinyl
chloride safety review, skin vinyl chloride safety review,
liver vinyl chloride safety review

83042376 CA: 83(5)42376w JOURNAL
Vinyl chloride story
AUTHOR: Moore, John W.
LOCATION: East. Michigan Univ., Ypsilanti, Mich.
JOURNAL: Chemistry DATE: 1975 VOLUME: 48 NUMBER: 6
PAGES: 12-16 CODEN: CHRYAQ LANGUAGE: English

SECTION:
CA920013 History, Education, and Documentation
CA904XXX Toxicology
IDENTIFIERS: vinyl chloride health hazard, cancer vinyl
chloride

83040848 CA: 83(5)40848c JOURNAL
Platelet adhesion to polymer surfaces
AUTHOR: Kim, S. W.; Lee, R. G.; Oster, H.; Coleman, D.;
Andrade, J. D.; Lentz, D. J.; Olsen, D.
LOCATION: Inst. Biomed. Eng., Univ. Utah, Salt Lake City,
Utah
JOURNAL: Trans., Am. Soc. Artif. Intern. Organs DATE: 1974
VOLUME: 20-B, PAGES: 449-55 CODEN: TAIOAL LANGUAGE:
English

SECTION:
CA913005 Mammalian Biochemistry
CA963XXX Pharmaceuticals
IDENTIFIERS: platelet adhesion blood coagulation, globulin
platelet adhesion, fibrinogen platelet adhesion,
sialyltransferase platelet adhesion, galactosyltransferase
platelet adhesion, thrombus formation platelet adhesion,
polymer surface platelet adhesion

83038384 CA: 83(5)38384e JOURNAL
Human, rat, and mouse liver-mediated mutagenicity of vinyl
chloride in Salmonella typhimurium strains
AUTHOR: Bartsch, H.; Malaveille, C.; Montesano, R.
LOCATION: Unit Chem. Carcinog., Int. Agency Res. Cancer,
Lyons, France

JOURNAL: Int. J. Cancer DATE: 1975 VOLUME: 15 NUMBER:
3 PAGES: 429-37 CODEN: IJCNW LANGUAGE: English
SECTION:
CA904003 Toxicology
CA903XXX Biochemical Interactions
IDENTIFIERS: vinyl chloride mutagenicity Salmonella liver

83015055 CA: 83(2)15055j JOURNAL
Epidemiologic study of blood screening tests and illness
histories among chemical workers involved in the manufacture
of poly(vinyl chloride)
AUTHOR: Wyatt, Robert H.; Kotchen, Jane M.; Hochstrasser,
Donald L.; Buchanan, Jack W., Jr.; Campbell, Duncan R.;
Slaughter, Joseph C.; Doll, Alphonse H.
LOCATION: Coll. Med., Univ. Kentucky, Lexington, Ky.
JOURNAL: Ann. N. Y. Acad. Sci. DATE: 1975 VOLUME: 246,
PAGES: 80-7 CODEN: ANYAA9 LANGUAGE: English
SECTION:
CA959003 Air Pollution and Industrial Hygiene
CA935XXX Synthetic High Polymers
IDENTIFIERS: safety vinyl chloride blood, polyvinyl chloride
manuf safety

83001942 CA: 83(1)1942j JOURNAL
Trapping with 3,4-dichlorobenzenethiol of reactive
metabolites formed in vitro from the carcinogen vinyl chloride
AUTHOR: Gothe, R.; Calleman, C. J.; Ehrenberg, L.;
Wachtmeister, C. A.
LOCATION: Wallenberg Lab., Univ. Stockholm, Stockholm, Swed.
JOURNAL: Ambio DATE: 1974 VOLUME: 3 NUMBER: 6
PAGES: 234-6 CODEN: AMBOCX LANGUAGE: English
SECTION:
CA904007 Toxicology
IDENTIFIERS: vinyl chloride metabolite chlorobenzenethiol,
chloroethylene oxide vinyl chloride metab, microsome vinyl
chloride metab

83001673 CA: 83(1)1673x JOURNAL
 Mutagenicity of vinyl chloride, chloroethyleneoxide, chloroacetaldehyde, and chloroethanol
 AUTHOR: Malaveille, C.; Bartsch, H.; Barbin, A.; Camus, A. M.; Montesano, R.; Croisy, A.; Jacquignon, P.
 LOCATION: Unit Chem. Carcinog., Int. Agency Res. Cancer, Lyons, Fr.
 JOURNAL: Biochem. Biophys. Res. Commun. DATE: 1975
 VOLUME: 63 NUMBER: 2 PAGES: 363-70 CODEN: BBRC9
 LANGUAGE: English

SECTION:

CA904003 Toxicology
 CA903XXX Biochemical Interactions
 IDENTIFIERS: vinyl chloride Salmonella mutation, chloroacetate Salmonella toxicity, chloroacetaldehyde Salmonella mutation, chloroethanol Salmonella mutation, chloroethylene oxide Salmonella mutation

83000195 CA: 83(1)195f JOURNAL
 2-Chloroethanol formation as evidence for a 2-chloroethyl alkylating intermediate during chemical degradation of 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea and 1-(2-chloroethyl)-3-(trans-4-methylcyclohexyl)-1-nitrosourea
 AUTHOR: Reed, D. J.; May, H. E.; Boose, R. B.; Gregory, K. M.; Bellstein, M. A.
 LOCATION: Dep. Biochem. Biophys., Oregon State Univ., Corvallis, Oreg.
 JOURNAL: Cancer Res. DATE: 1975 VOLUME: 35 NUMBER: 3
 PAGES: 568-76 CODEN: CNREAB LANGUAGE: English
 SECTION:

CA901002 Pharmacodynamics
 IDENTIFIERS: nitrosourea degradn chloroethanol formation

82174796 CA: 82(26)174796x JOURNAL
 Gastric function in chronic vinyl chloride poisonings
 AUTHOR: Vaisman, V. D.; Stulova, E. A.; Goryacheva, L. A.; Zhdaneeva, G. S.
 LOCATION: Filial Gor'k. Inst. Gig. Tr. Profzabol., Dzerzhinsk, USSR
 JOURNAL: Gig. Tr. Prof. Zabol. DATE: 1975 NUMBER: 3
 PAGES: 20-3 CODEN: GTPZAB LANGUAGE: Russian
 SECTION:

CA959003 Air Pollution and Industrial Hygiene
 IDENTIFIERS: safety vinyl chloride gastric tract, hypothalamus safety vinyl chloride

82165389 CA: 82(25)165389q JOURNAL
 Possible mechanism of carcinogenic action of vinyl chloride
 AUTHOR: Van Duuren, Benjamin L.
 LOCATION: Med. Cent., New York Univ., New York, N. Y.
 JOURNAL: Ann. N. Y. Acad. Sci. DATE: 1975 VOLUME: 246
 PAGES: 258-67 CODEN: ANYAA9 LANGUAGE: English

SECTION:

CA904000 Toxicology
 IDENTIFIERS: review vinyl chloride carcinogenesis mechanism, ethylene trichloro carcinogenicity review

82159850 CA: 82(24)159850s TECHNICAL REPORT
 Vinyl chloride. Assessment of emissions control techniques and costs

AUTHOR: Carpenter, Ben H.

LOCATION: Research Triangle Inst., Durham, N. C.

JOURNAL: U. S. N. T. I. S., PB Rep. DATE: 1974 NUMBER:
 No. 237343/9GA PAGES: 85 pp. CODEN: XPBRCA LANGUAGE:
 English CITATION: Govt. Rep. Announce. (U. S.) 1975, 75(1), 50
 AVAIL: NTIS

SECTION:

CA959002 Air Pollution and Industrial Hygiene
 CA936XXX Plastics Manufacture and Processing
 IDENTIFIERS: vinyl chloride monomer emission, polymer manuf emission control

82150072 CA: 82(23)150072g JOURNAL
 Acute hepatic injury by vinyl chloride in rat pretreated with phenobarbital

AUTHOR: Jaeger, Rudolph J.; Reynolds, Edward S.; Conolly, Rory B.; Moslen, Mary T.; Szabo, Sandor; Murphy, Sheldon D.

LOCATION: Kresge Cent. Environ. Health, Peter Bent Brigham Hosp., Boston, Mass.

JOURNAL: Nature (London) DATE: 1974 VOLUME: 252
 NUMBER: 5485 PAGES: 724-6 CODEN: NATUAS LANGUAGE: English

SECTION:

CA904003 Toxicology
 IDENTIFIERS: vinyl chloride hepatotoxicity phenobarbital, serum enzyme vinyl chloride, alanine transaminase serum vinyl chloride, sorbitol dehydrogenase serum vinyl chloride

82144451 CA: 82(22)144451p JOURNAL
 Changes in pulmonary function in workers exposed to vinyl chloride and poly(vinyl chloride)
 AUTHOR: Miller, Albert; Teirstein, Alvin S.; Chuang, Ming; Selikoff, Irving J.; Warshaw, Raphael
 LOCATION: Mt. Sinai Sch. Med., City Univ. New York, New York, N. Y.
 JOURNAL: Ann. N. Y. Acad. Sci. DATE: 1975 VOLUME: 246..
 PAGES: 42-52 CODEN: ANYAA9 LANGUAGE: English
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA936XXX Plastics Manufacture and Processing
 IDENTIFIERS: safety vinyl chloride lung, polymn vinyl chloride safety

82133813 CA: 82(21)133813g JOURNAL
 Carcinogenicity bioassays of vinyl chloride. Current results
 AUTHOR: Maltoni, Cesare; Lefemine, Giuseppe
 LOCATION: Ist. Oncol., Bologna, Italy
 JOURNAL: Ann. N. Y. Acad. Sci. DATE: 1975 VOLUME: 246..
 PAGES: 195-218 CODEN: ANYAA9 LANGUAGE: English
 SECTION:
 CA904007 Toxicology
 IDENTIFIERS: vinyl chloride carcinogenicity

82133688 CA: 82(21)133688v JOURNAL
 Toxicity of aerosol propellants in the respiratory and circulatory systems. VIII. Respiration and circulation in primates
 AUTHOR: Aviado, Domingo M.; Smith, David Gary
 LOCATION: Sch. Med., Univ. Pennsylvania, Philadelphia, Pa.
 JOURNAL: Toxicology DATE: 1975 VOLUME: 3 NUMBER: 2
 PAGES: 241-52 CODEN: TXCYAC LANGUAGE: English
 SECTION:
 CA904003 Toxicology
 CA950XXX Propellants and Explosives
 IDENTIFIERS: fluorocarbon toxicity respiration circulation, aerosol propellant mammal toxicity, fluoroalkyl monkey toxicity, lung aerosol propellant toxicity, heart aerosol propellant toxicity

82133686 CA: 82(21)133686t JOURNAL
 Vinyl chloride monomer. Hepatotoxicity and interaction with 1,1-dichloroethylene
 AUTHOR: Jaeger, Rudolph J.
 LOCATION: Kresge Cent. Environ. Health, Harvard Sch. Publ. Health, Boston, Mass.
 JOURNAL: Ann. N. Y. Acad. Sci. DATE: 1975 VOLUME: 246..
 PAGE: 50-1 CODEN: ANYAA9 LANGUAGE: English
 SECT
 CA904003 Toxicology

IDENTIFIERS: chloroethylene hepatotoxicity vinyl chloride, liver damage dichloroethylene vinyl chloride

82119723 CA: 82(19)119723w JOURNAL
 Short-term inhalation toxicity of halogenated hydrocarbons. Effects on fasting rats
 AUTHOR: Jaeger, Rudolph J.; Conolly, Rory B.; Murphy, Sheldon D.
 LOCATION: Kresge Cent. Environ. Health, Harvard Sch. Public Health, Boston, Mass.
 JOURNAL: Arch. Environ. Health DATE: 1975 VOLUME: 30
 NUMBER: 1 PAGES: 26-31 CODEN: AEHLAU LANGUAGE: English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: hydrocarbon halogenated liver toxicity, vinyl chloride chloroethylene liver, ethylene chloro vinyl chloride liver

82034549 CA: 82(6)34549u JOURNAL
 Standard for exposure to vinyl chloride
 AUTHOR: Anon.
 LOCATION: Dep. Labor, Washington, D. C.
 JOURNAL: Fed. Regist. DATE: 1974 VOLUME: 39 NUMBER: 194
 PAGES: 35890-8 CODEN: FEREAC LANGUAGE: English
 SECTION:
 CA959000 Air Pollution and Industrial Hygiene
 CA923XXX Aliphatic Compounds
 CA936XXX Plastics Manufacture and Processing
 IDENTIFIERS: review safety vinyl chloride carcinogenicity

82026891 CA: 82(5)26891j JOURNAL
 Carcinogenicity bioassays of vinyl chloride. I. Research plan and early results
 AUTHOR: Maltoni, Cesare; Lefemine, Giuseppe
 LOCATION: Ist. Oncol. "F. Addarii", Bologna, Italy
 JOURNAL: Environ. Res. DATE: 1974 VOLUME: 7 NUMBER: 3
 PAGES: 387-405 CODEN: ENVRAL LANGUAGE: English
 SECTION:
 CA904007 Toxicology
 IDENTIFIERS: vinyl chloride carcinogenicity

B2026575 CA: 82(5)26575J JOURNAL
 Mutagenicity of vinyl chloride after metabolic activation
 AUTHOR: Rannug, U.; Johansson, A.; Ramel, C.; Wachtmeister, C. A.
 LOCATION: Wallenberg Lab., Univ. Stockholm, Stockholm, Swed.
 JOURNAL: Ambio DATE: 1974 VOLUME: 3 NUMBER: 5
 PAGES: 194-7 CODEN: AMBOCX LANGUAGE: English
 SECTION:
 CA903002 Biochemical Interactions
 CA904XXX Toxicology
 IDENTIFIERS: vinyl chloride mutagenicity

B2000991 CA: 82(1)991s JOURNAL
 Oncogenicity of vinyl chloride at low concentrations in rats and rabbits
 AUTHOR: Caputo, A.; Viola, P. L.; Bigotti, A.
 LOCATION: Regina Elena Inst. Cancer Res., Rome, Italy
 JOURNAL: IRCS Libr. Compend. DATE: 1974 VOLUME: 2
 NUMBER: 9 PAGES: 1582 CODEN: IRLCAW LANGUAGE: English
 SECTION:
 CA904007 Toxicology
 IDENTIFIERS: vinyl chloride carcinogenicity

B1175487 CA: 81(26)175487p JOURNAL
 Industrial hygiene of painters during finishing operations at industrial-construction sites
 AUTHOR: Kritskii, A. P.
 LOCATION: Inst. Usovsh. Vrachel Im. Kirova, Leningrad, USSR
 JOURNAL: Gig. Tr. Prof. Zabol. DATE: 1974 NUMBER: 8
 PAGES: 46-7 CODEN: GTPZAB LANGUAGE: Russian
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA942XXX Coatings, Inks, and Related Products
 IDENTIFIERS: paint solvent toxicity

B1164056 CA: 81(25)164056w JOURNAL
 Self-pressurized household substances containing vinyl chloride monomer. Classification as banned hazardous substance
 AUTHOR: Anon.
 LOCATION: Consum. Prod. Saf. Comm., Washington, D. C.
 JOURNAL: Fed. Regist. DATE: 1974 VOLUME: 39 NUMBER: 163
 PAGES: 30112-14 CODEN: FEREAC LANGUAGE: English
 SECTION:
 CA904000 Toxicology
 IDENTIFIERS: review vinyl chloride toxicity

B11464 CA: 81(23)146479g JOURNAL
 Toxicity of aerosol propellants in the respiratory and

circulatory systems. IV. Cardiotoxicity in the monkey
 AUTHOR: Belej, Miroslaw A.; Smith, David Gary; Avlado, Domingo M.
 LOCATION: Sch. Med., Univ. Pennsylvania, Philadelphia, Pa.
 JOURNAL: Toxicology DATE: 1974 VOLUME: 2 NUMBER: 4
 PAGES: 381-95 CODEN: TXYAC LANGUAGE: English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: cardiotoxicity fluorocarbon, chlorofluoromethane cardiotoxicity, aerosol propellant cardiotoxicity

B115351 CA: 81(19)115351e JOURNAL
 Self-pressurized household substances containing vinyl chloride. Proposed classification as a banned hazardous substance
 AUTHOR: Anon.
 LOCATION: Consum. Prod. Saf. Comm., Washington, D. C.
 JOURNAL: Fed. Regist. DATE: 1974 VOLUME: 39 NUMBER: 101
 PAGES: 18115 CODEN: FEREAC LANGUAGE: English
 SECTION:
 CA904000 Toxicology
 IDENTIFIERS: review vinyl chloride toxicity, safety vinyl chloride review

B1086558 CA: 81(15)86558v JOURNAL
 Toxic effects and action of chlorinated by-products from vinyl chloride production on Escherichia coli K 12
 AUTHOR: Hagstroem, A.; Nomark, S.
 LOCATION: Swedish Water Air Pollut. Res. Lab., Stockholm, Swed.
 JOURNAL: Ambio DATE: 1974 VOLUME: 3 NUMBER: 2
 PAGES: 77-9 CODEN: AMBOCX LANGUAGE: English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: vinyl chloride tar Escherichia, cell membrane vinyl chloride tar

B1021925 CA: 81(5)21925t JOURNAL
 Toxicity of aerosol propellants on the respiratory and circulatory systems. I. Cardiac arrhythmia in the mouse
 AUTHOR: Avlado, Domingo M.; Belej, Miroslaw A.
 LOCATION: Sch. Med., Univ. Pennsylvania, Philadelphia, Pa.
 JOURNAL: Toxicology DATE: 1974 VOLUME: 2 NUMBER: 1
 PAGES: 31-42 CODEN: TXYAC LANGUAGE: English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: propellant aerosol heart arrhythmia

R&S 138027

81005917 CA: 81(2)5917m JOURNAL
 Emergency temporary standard for exposure to vinyl chloride
 AUTHOR: Anon.
 LOCATION: Dep. Labor, Washington, D. C.
 JOURNAL: Fed. Regist. DATE: 1974 VOLUME: 39 NUMBER:
 67 PAGES: 12342-4 CODEN: FEREAC LANGUAGE: English
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 IDENTIFIERS: vinyl chloride safety std

81005901 CA: 81(2)5901b JOURNAL
 Hygienic assessment of working conditions and health status
 of workers in the production of block poly(vinyl chloride)
 AUTHOR: Filatova, V. S.; Gronsberg, E. Sh.; Radzyukevich, T.
 M.; Reznik, N. D.; Tomichev, A. I.
 LOCATION: Inst. Gig. Tr. Profzabol., Gorki, USSR
 JOURNAL: Gig. Tr. Prof. Zabol. DATE: 1974 NUMBER: 1
 PAGES: 3-6 CODEN: GTPZAB LANGUAGE: Russian
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA936XXX Plastics Manufacture and Processing
 IDENTIFIERS: vinyl chloride polymn safety

80091752 CA: 80(17)91752n JOURNAL
 Correlation of the cardiac sensitizing potential of
 halogenated hydrocarbons with their physicochemical properties
 AUTHOR: Clark, D. G.; Tinston, D. J.
 LOCATION: Ind. Hyg. Res. Lab., Imp. Chem. Ind. Ltd.,
 Alderley Park, Engl.
 JOURNAL: Brit. J. Pharmacol. DATE: 1973 VOLUME: 49
 NUMBER: 2 PAGES: 355-7 CODEN: BJPCBM LANGUAGE:
 English
 SECTION:
 CA904003 Toxicology
 CA913XXX Mammalian Biochemistry
 IDENTIFIERS: toxicity halogen hydrocarbon adrenaline, heart
 arrhythmia halogen hydrocarbon

79069892 CA: 79(12)69892r JOURNAL
 Vinyl chloride monomer odor concentration
 AUTHOR: Horii, Masahiro; Kobayashi, Yoshitaka; Ota, Yasumasa
 LOCATION: Yokohama Natl. Univ., Yokohama, Japan
 JOURNAL: Plast. Ind. News DATE: 1972 VOLUME: 18
 NUMBER: 11 PAGES: 164-8 CODEN: PINWAE LANGUAGE:
 English
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 CA935XXX Synthetic High Polymers
 IDENTIFIERS: vinyl chloride odor detection, monomer vinyl
 chloride odor, safety vinyl chloride odor

78067755 CA: 78(11)67755d JOURNAL
 Influence of by-products from vinyl chloride production on
 fertilization, development, and larval survival on plaice,
 cod, and herring eggs
 AUTHOR: Braaten, B.; Moellerud, E. Egildus; Solemdal, P.
 LOCATION: Inst. Mar. Res., Dir. Fish., Bergen, Norway
 JOURNAL: Aquaculture DATE: 1972 VOLUME: 1 NUMBER: 1
 PAGES: 81-90 CODEN: AOCLAL LANGUAGE: English
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: vinyl chloride byproduct pollution, fish
 reprodn chem pollution

77079157 CA: 77(12)79157c JOURNAL
 Correlation of clinical and environmental measurements for
 workers exposed to vinyl chloride
 AUTHOR: Kramer, C. G.; Mutchler, J. E.
 LOCATION: Dow Chem. Co., Midland, Mich.
 JOURNAL: Amer. Ind. Hyg. Ass., J. DATE: 1972 VOLUME: 33
 NUMBER: 1 PAGES: 19-30 CODEN: AIHAAP LANGUAGE:
 English
 SECTION:
 CA959003 Air Pollution and Industrial Hygiene
 IDENTIFIERS: vinyl chloride exposure worker, clin
 measurement vinyl chloride

77001473 CA: 77(1)1473h JOURNAL
 Pathogenesis of changes caused by long-term exposure to
 vinylchloride
 AUTHOR: Basalaev, A. V.; Bazin, A. N.; Kochetkov, A. G.
 LOCATION: Med. Inst. im. Kirova, Gorki, USSR
 JOURNAL: Gig. Tr. Prof. Zabol. DATE: 1972 VOLUME: 16
 NUMBER: 2 PAGES: 24-7 CODEN: GTPZAB LANGUAGE: Russian
 SECTION:
 CA904003 Toxicology
 IDENTIFIERS: vinyl chloride poisoning hypothalamus, bone
 resorption vinyl chloride, cardiovascular system vinyl
 chloride

76002374 CA: 76(1)2374t JOURNAL
Oncogenic response of rat skin, lungs, and bones to vinyl
chloride
AUTHOR: Viola, P. A.; Bigotti, A.
LOCATION: Regina Elena Inst. Cancer Res., Rome, Italy
JOURNAL: Cancer Res. DATE: 1971 VOLUME: 31 NUMBER: 5
PAGES: 516-22 CODEN: CNREAB LANGUAGE: English
SECTION:
CA914000 Mammalian Pathological Biochemistry
IDENTIFIERS: vinyl chloride oncogenic effect, skin tumor
vinyl chloride, bone tumor vinyl chloride, lung tumor vinyl
chloride, tumor induction vinyl chloride

R&S 138028