PLAINTIFF'S EXHIBIT
UC-1884

BROWNSVILLE PLANT CHEMICALS FOUND ON UNION CARBIDE'S INTERNAL EXPOSURE STANDARDS LIST BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

BRB 0465

SUBSTANCE (CAS NO.)	LOCATION IN PLANT	AMOUNT OF SUBSTANCE	TOXICITY	EXPOSURE STANDARD
ASBESTOS (1332-21-4)	Laboratory	8 oz.	Known human carcinogen	10 Fibers/cc C 2 Fibers/cc > 5 um Long (OSHA)
	Stores	Packing, Gaskets, Fire Blankets		
	Weld Shop	Fire Blankets, Weld Screens		
	Entire Plant	Insulation		

Published by AsbestosClaims.Law
asbestosclaims.law/library/16949/1
Union Carbide trial exhibit UC-1884: Brownsville Plant Chemicals on Union Carbide's Internal Exposure Standards...
ACL Doc 16949 · Page 1 of 21

INTERNAL EXPOSURE STANDARDS LIST BASED ON UNION CARBIDE'S CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

SUBSTANCE (CAS NO.)	LOCATION IN PLANT	AMOUNT OF SUBSTANCE	TOXICITY	EXPOSURE STANDARD

PAGE :

BRB 0466

Published by AsbestosClaims.Law
asbestosclaims.law/library/16949/2

BROWNSVILLE PLANT CHEMICALS FOUND ON UNION CARBIDE'S INTERNAL EXPOSURE STANDARDS LIST BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

SUBSTANCE (CAS NO.)	LOCATION IN PLANT	AMOUNT OF SUBSTANCE	TOXICITY	EXPOSURE STANDARD

10/29/82

Published by AsbestosClaims.Law
asbestosclaims.law/library/16949/3
Union Carbide trial exhibit UC-1884: Brownsville Plant Chemicals on Union Carbide's Internal Exposure Standards...
ACL Doc 16949 · Page 3 of 21

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBID (SOURCE)
Asbestos (1332-21-4)	Known human carcinogen	(-)		10 Fibers/cc 2 Fibers/cc >5 µm long (OSHA)

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0468

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST
(See Reverse Side)

NOTES OF EXPLANATION:

1. A material is included on this list following a detailed evaluation of published toxicological, medical, epidemiological and other relevant information by the Union Carbide Corporate Toxicology Assessment and Advisory Committee (TAAC) and subsequent review and acceptance by the Corporate Health Effects Review Board (HERB).

2. This listing is periodically reviewed. New entries are made, or existing ones modified, when TAAC and HERB determine that there is sufficient credible evidence for such as action.

3. (a) The entries marked with an asterisk (*) are those which have not yet been formally reviewed and verified by TAAC as part of a current updating procedure. Those so marked will be reviewed at the earliest convenient time.

   (b) Entries marked with a double asterisk (**) indicate they are under continual review because of a current deficiency of relevant credible data.

   (c) "N.D." indicates that information has not been located to allow a decision on carcinogenic or teratogenic potential.

   (d) The symbol (-) indicates that the available evidence is sufficient to determine that a material does not cause a given effect.

DEFINITIONS:

1. Known Human Carcinogen means a substance for which there is sufficient credible evidence to determine that the material has caused cancer in humans.

2. Suspect Cancer Agent means a substance for which there is credible scientific evidence, based on animal and other related studies, that the material is carcinogenic in laboratory animals, but for which there is insufficient evidence that the substance causes cancer in man.

3. Teratogen means a chemical substance or physical agent which causes abnormalities in structural and/or functional development during gestation.

U. C. Corporate HERB
Accepted: 1 March 1982

BRB 0469

Union Carbide trial exhibit UC-1884: Brownsville Plant Chemicals on Union Carbide's Internal Exposure Standards...
ACL Doc 16949 · Page 6 of 21

BROWNSVILLE PLANT CHEMICALS FOUND ON UNION CARBIDE'S INTERNAL EXPOSURE STANDARDS LIST BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

SUBSTANCE (CAS NO.)	LOCATION IN PLANT	AMOUNT OF SUBSTANCE	TOXICITY	EXPOSURE STANDARD
ACRYLIC ACID (79-10-7)	Laboratory Recovery	1-1/2 Qt. 0.3% in Ref. HOP; Trace in Tar Btm., Mixed Acids		2 PPM (UCC)
ASBESTOS (1332-21-4)	Laboratory	8 oz.	Known human carcinogen	10 Fibers/cc C 2 Fibers/cc > 5 um Long (OSHA)
	Stores	Packing, Gaskets, Fire Blankets		
	Weld Shop	Fire Blankets, Weld Screens		
	Entire Plant	Insulation		
BENZENE (92-87-5)	Recovery	Inpurity in Toluene	Known human carcinogen	10 PPM 25 PPM C 50 PPM/10 Min Peak (OSHA)
	Laboratory	1/4 Pt.		
BENZIDINE DERIVED DYES O-TOLIDINE (119-93-7)	Laboratory	1 Lb.	Known human carcinogen	As low as practical (UCC)
CADMIUM (7440-43-9)	Stores Bldg. 230 Maintenance Areas	Silver Solder Plating on nuts and Bolts	Cancer agent teratogen	40 ng/m^3 200 ng/m^3 C (UCC)
CHLORODIFLUORO METHANE (FLUOROCARBON 22) (75-45-6)	Most Air Conditioners	5 to 6 125 Lb. Drums Per Year	Teratogen	1000 PPM (ACGIH)
	Stores in Cylinders North of 428			

C - Ceiling Value, No Exposure for Any Time Above This Value

BRB 0470

Published by AsbestosClaims.Law
asbestosclaims.law/library/16949/6

Chemical Name	TLV/TWA	STEL - ST Action Level - AL Ceiling Level - C	Medical Required	Make Available	Asbestosis Health Hazard (1)	IH Sampling/ IH Records Required	Mandatory Training	Regulated Areas Potentially Required	Workplace Posting Potentially Required	Protective Equipment Potentially Required	Notification of Use to OSHA/EPA/NRC	Change Rooms Potentially Required	Employee Notification No - OSHA Yes - UCC	Reference 1910.93a
Asbestos	2 fiber 5 m/OH	C - 10 fibers 5 m/OH				Yes	Yes	No	Yes	Yes	EPA	Yes		

BRB 0471

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
Asbestos (1332-21-4)	Known human carcinogen	(-)		10 Fibers/cc C 2 Fibers/cc >5 um long (OSHA)

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0472

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
Benzene (71-43-2)	Known human carcinogen	Teratogen (See Footnote A)		10 ppm 25 ppm C 50 ppm/10 – min peak (OSHA)
Benzidine (92-87-5)	Known human carcinogen	N.D.		As Low As Practical (UCC)
Benzidine-derived dyes	Known human carcinogens	N.D.		As Low As Practical (UCC)
Benzyl Chloride (100-44-7)	**	N.D. (R)		1 ppm (OSHA)
Bis-2-Chloro-ethyl ether (111-44-4)	**	N.D.		15 ppm C (Skin) (OSHA)
Bis-2-Chloro-ethyl-2-naphthyl-amine (494-03-1)	Known human carcinogen	N.D.		As Low As Practical (UCC)

Footnote: (A) Teratogenic only in presence of maternal toxicity
(R) Revision from previous list

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0473

Union Carbide trial exhibit UC-1884: Brownsville Plant Chemicals on Union Carbide's Internal Exposure Standards... Published by AsbestosClaims.Law
ACL Doc 16949 · Page 9 of 21 asbestosclaims.law/library/16949/9

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
Bis-Chloromethyl ether (542-88-1)	Known human carcinogen	N.D.		As Low As Practical (UCC) (R)
Cadmium (7440-43-9)	Suspect cancer agent	Teratogen		40 µg/m³* 200 µg/m³ C (UCC)
Carbon tetra-chloride (56-23-5)	Suspect cancer agent	(-)	Embryotoxic	2 ppm* 4 ppm C (UCC)
Chlorodifluoro-methane (Fluorocarbon-22) (75-45-6)	**	Teratogen*		1000 ppm (ACGIH)
Chloroform (67-66-3)	Suspect cancer agent	Teratogen		2 ppm* 4 ppm C (UCC)
Chromium-6 compounds	Suspect cancer agents	**		0.05 mg/m³ (as Cr) (ACGIH)

Footnote: (R) Revision from previous list

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0474

Published by AsbestosClaims.Law
asbestosclaims.law/library/16949/10

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
Di-Sec-butoxy-acetophenone (68109-57-9)	Suspect cancer agent*	N.D.		No skin or oral contact (UCC)
3,3'-Dichloro-benzidine (and salts) (91-94-1)	Suspect cancer agent(s)	N.D.		As Low As Practical (UCC)
Diethyl sulfate (64-67-5)	Suspect cancer agent	N.D.		1 ppm No skin or oral contact (UCC)
Diisopropyl sulfate (2973-10-6)	Suspect cancer agent (See Footnote A)	N.D.		1 ppm No skin or oral contact (UCC)
1,2-Dimethoxy-ethane (110-71-4)		Teratogen		10 ppm TWA *(Skin) 25 ppm STEL (UCC) (R)
Dimethyl-acetamide (127-19-5)	N.D.	Teratogen		10 ppm No skin contact (OSHA)

Footnote: (A) Limited evidence for carcinogenic potential in humans, but insufficient to conclude that the material is a known human carcinogen; i.e., is a suspect human carcinogen.
(R) Revision from previous list

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0475

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
4-Dimethylamino-azobenzene (60-11-7)	Suspect cancer agent	Teratogen		No exposure* (OSHA)
Dimethyl formamide (68-12-2)	**	Teratogen*		10 ppm No skin contact (OSHA)
Dimethyl sulfate (77-78-1)	Suspect cancer agent	N.D.		0.1 ppm No skin or oral contact (ACGIH)
Dimethyl sulfoxide (67-68-5)	N.D.	Teratogen		10 ppm* No skin contact (UCC)
1,4-Dioxane (123-91-1)	Suspect cancer agent	** (R)		50 ppm* No skin or oral contact (UCC)
N-Dodecyl mercaptan (112-55-0)				0.5 ppm (UCC)

Footnote: (R) Revision from previous list

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0476

Published by AsbestosClaims.Law
asbestosclaims.law/library/16949/12

UNION CARBIDE

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
Dripolenes-A,B,C	Suspect cancer agents (See Footnote A)	N.D.		600 µg/m^3 No skin contact (UCC)
Epichlorohydrin (106-89-8)	Suspect cancer agent	N.D.		0.5 ppm (UCC)
Epoxy resin ERL-2774 (25068-38-6)	Suspect cancer agent	N.D.		10 ppm No skin or oral contact (UCC)
Epoxy resin ERL-4205 (2386-90-5)	Suspect cancer agent	N.D.		10 ppm No skin or oral contact (UCC)
Epoxy resin ERL-4206 (106-87-6)	Suspect cancer agent	N.D.		10 ppm No skin or oral contact (UCC)
Epoxy resin ERL-4234 (26616-47-7)	Suspect cancer agent	N.D.		10 ppm No skin or oral contact (UCC)

Footnote: (A) Standard based on suspected presence of Polycyclic Aromatic Hydrocarbons

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0477

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
2-Ethoxyethanol (CELLOSOLVE) (110-80-5)	N.D.	Teratogen		50 ppm C (UCC)
Ethylene dibromide (106-93-4)	Suspect cancer agent	**		0.1 ppm (UCC)
Ethylene dichloride (107-06-2)	Suspect cancer agent	(-) (R)		5 ppm (UCC)
Ethyleneimine (151-56-4)	Suspect cancer agent	** (R)	Embryotoxic (R)	As Low As Practical (UCC)
Ethylene oxide (75-21-8)	Suspect cancer agent			5 ppm (UCC)
Ethylene thiourea (96-45-7)	Suspect cancer agent	Teratogen		As Low As Practical (UCC)

Footnote: (R) Revision from previous list

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0478

Published by AsbestosClaims.Law
asbestosclaims.law/library/16949/14

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
2-Ethylhexyl acrylate (103-11-7)	Suspect cancer agent (See Footnote A)	N.D.		5 ppm (UCC)
Formaldehyde (50-00-0)	Suspect cancer agent	N.D.		2 ppm (ACGIH)
Formamide (75-12-7)	N.D.	Teratogen		20 ppm No skin contact (ACGIH)
Fuel oil residues	Suspect cancer agents (See Footnote B)	N.D.		As Low As Practical (UCC)
Hexafluoro-acetone (684-16-2)	N.D.	Teratogen		0.1 ppm No skin contact (ACGIH)
Hydrazine (302-01-2)	Suspect cancer agent	(-)		1 ppm* (Skin) (OSHA)

Footnote: (A) Based on chronic skin painting study: To be reviewed on completion of Inter-Industry Acrylate Committee Chronic Toxicity Study.
(B) Standard based on suspected presence of Polycyclic Aromatic Hydrocarbons

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0479

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
Hydrogen Sulfide (7783-06-4)		** (R)	Chemical Asphyxiant	10 ppm (OSHA)
Itaconic Acid (97-65-4)				5 mg/m^3 (UCC)
Lead (7439-92-1)	(-)	Teratogen		50 $\mu g/m^3$ 30 $\mu g/m^3$ Action Level (OSHA)
Mercury Alkyl Compounds		Teratogens*		0.01 mg/m^3 (as Hg) (ACGIH)
Mercury, All compounds except Alkyl				0.05 mg/m^3 (as Hg) (ACGIH)
2-Methoxyethanol (Methyl CELLOSOLVE R) (109-86-4)		Teratogen		10 ppm TWA(Skin) 25 ppm STEL (UCC) (R)

Footnote: (R) Revision from previous list

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0480

Published by AsbestosClaims.Law
asbestosclaims.law/library/16949/16

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBID (SOURCE)
Methyl chloro-methyl ether (107-30-2)	Known human carcinogen	N.D.		OSHA Standard
4,4-Methylene-dianiline (101-77-9)	Suspect cancer agent	N.D.		0.1 ppm No skin or ora contact (ACGIH)
1-Naphthylamime (134-32-7)	**	N.D.		OSHA Standard
2-Naphthylamine (91-59-8)	Known human carcinogen	N.D.		OSHA Standard
Neopentyl glycol diacrylate (2223-82-7)	Suspect cancer agent	N.D.		No skin or oral contact (UCC)
Nickel, Inorganic Compounds	Suspect cancer agents			1 mg/m^3 (OSHA)

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0481

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
Nitric Oxide (10102-43-9)			Chemical Asphyxiant	25 ppm (OSHA)
Nitrobenzene (98-95-3)		N.D. (R)	Chemical Asphyxiant	1 ppm (Skin) (OSHA) (R)
4-Nitrodiphenyl (92-93-3)	Known human carcinogen	N.D.		No exposure* (OSHA)
2-Nitropropane (79-46-9)	Suspect cancer agent	**		25 ppm* (OSHA)
N-Nitrosoamine compounds	Suspect cancer agents*			No skin or oral contact (UCC)
N-Nitroso-dimethylamine (62-75-9)	Suspect cancer agent	(-) (R)	Embryotoxic (R)	OSHA Standard

Footnote: (R) Revision from previous list

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0482

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
N-Nitroso-N-Phenylhydroxylamine (148-97-0)	Suspect cancer agent			*
Perchloroethylene (127-18-4)	**	(-)		50 ppm (ACGIH)
Polychlorinated biphenyls(PCB's)	Suspect cancer agents	**	Embryotoxic	1 $\mu g/m^3$ 3 $\mu g/m^3$ C* No skin contact (UCC)
B-Propiolactone (57-57-8)	Suspect cancer agent	N.D.		OSHA Standard
Propylene oxide (75-56-9)				20 ppm 100 ppm STEL (UCC)
Pyrolysis fuel oil	Suspect cancer agent	N.D.		200 $\mu g/m^3$ 600 $\mu g/m^3$ C* No skin contact (UCC)

Footnote: (A) Standard based on suspected presence of Polycyclic Aromatic Hydrocarbons

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0483

Union Carbide trial exhibit UC-1884: Brownsville Plant Chemicals on Union Carbide's Internal Exposure Standards...
Published by AsbestosClaims.Law
ACL Doc 16949 · Page 19 of 21
asbestosclaims.law/library/16949/19

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
Quench oil	Suspect cancer agent	N.D.		200 $\mu g/m^3$ 600 $\mu g/m^3$ C* No skin contact (UCC)
Radiation	Known human carcinogen	Teratogen*		0.5 REMS During Pregnancy 5 REMS-Equiv./yr (NCRP Report 39, 1971) (R)
Resin B condensates	Suspect cancer agents	N.D.		200 $\mu g/m^3$ 600 $\mu g/m^3$ C* No skin contact (UCC)
2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) (1746-01-6)	Suspect cancer agent	Teratogen		No exposure* (UCC)
Tetramethylurea (632-22-4)	N.D.	Teratogen		No exposure* (UCC)
Toluene-2,4-diamine (95-80-7)	Suspect cancer agent	N.D.		0.1 ppm* No skin or oral contact

Footnote: (A) Standard based on suspected presence of Polycyclic Aromatic Hydrocarbons
(R) Revision from previous list

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0484

Union Carbide trial exhibit UC-1884: Brownsville Plant Chemicals on Union Carbide's Internal Exposure Standards... Published by AsbestosClaims.Law
ACL Doc 16949 · Page 20 of 21 asbestosclaims.law/library/16949/20

UNION CARBIDE

UNION CARBIDE INTERNAL EXPOSURE STANDARDS LIST

BASED ON CARCINOGENICITY, TERATOGENICITY OR OTHER SIGNIFICANT TOXICITY

(See Reverse Side for Explanations and Definitions)

SUBSTANCE (CAS No.)	CARCINOGENICITY	TERATOGENICITY	OTHER SIGNIFICANT TOXICITY	EXPOSURE STANDARD FOLLOWED BY UNION CARBIDE (SOURCE)
Trichloro-ethylene (79-01-6)	**	(-)		50 ppm (ACGIH)
Vinyl Chloride (75-01-4)	Known human carcinogen	Teratogen*		(UCC) 1 ppm 5 ppm/15 min C (OSHA)

U.C. Corporate HERB (Approved 1 March 1982)

BRB 0485