PLAINTIFF'S EXHIBIT

UC-1696

STATUS OSHA HEALTH STANDARDS

FOR CHEMICAL EXPOSURE - APRIL 1978

- 18 OSHA HEALTH STANDARDS COMPLETED
- 30 OSHA HEALTH STANDARDS PROPOSED
  - 13 DEVELOPED FROM CRITERIA DOCUMENTS
  - 17 DEVELOPED BY STANDARDS COMPLETION PROGRAM
- 69 CRITERIA DOCUMENTS DEVELOPED BY NIOSH AND TRANSMITTED TO OSHA
- 106 DRAFT TECHNICAL STANDARDS PREPARED BY NIOSH UNDER STANDARDS COMPLETION PROGRAM
- 400 CHEMICALS (INCLUDING MOST OF ABOVE) COVERED BY OSHA REGULATION 1910.93

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OSHA HEALTH STANDARDS - 18 COMPLETED

(1971 to 1975)

ASBESTOS

CARCINOGENS

- 4-NITROBIPHENYL
- ALPHA-NAPHTHYLAMINE
- METHYL-CHLOROMETHYL ETHER
- 3,3'-DICHLOROBENZIDINE
- BIS-(CHLOROMETHYL)ETHER
- BETA-NAPHTHYLAMINE
- BENZIDINE
- 4-AMINODIPHENYL
- ETHYLENEIMINE
- BETA-PROPIOLACTONE
- 2-ACETYLAMINOFLUORENE
- 4-DIMETHYLAMINO AZOBENZENE
- N-NITROSODIMETHYLAMINE

VINYL CHLORIDE

* BENZENE

* ACRYLONITRILE

* DIBROMOCHLOROPROPANE

BRC 1314

OSHA HEALTH STANDARDS - 30 PROPOSED

AMMONIA		NOV. 25, 1975
ARSENIC (INORGANIC)		JAN. 21, 1975
ASBESTOS (REVISED)		OCT. 9, 1975
BERYLLIUM		OCT. 17, 1975
COKE OVEN EMISSIONS		JULY 31, 1975
KETONES		MAY 15, 1975
(2)-BUTANONE	(MEK)	
CYCLOHEXANONE		
ETHYL BUTYL KETONE		
HEXONE	(MIBK)	
METHYL N-AMYL KETONE		
2-PENTANONE	(MPK)	
KETONES AND OZONE		FEB. 6, 1975
ALPHA-METHYLSTYRENE		
CAMPHOR		
CUMENE		
CYCLOHEXANE		
ETHYL BENZENE		
MESITYL OXIDE		
5-METHYL-3-HEPTANONE		
OZONE		
P-TERT.-BUTYL TOLUENE		
STYRENE		
VINYL TOLUENE		
LEAD (INORGANIC)		OCT. 3, 1975
MOCA (4,4'-METHYLENE BIS(2-CHLOROANILINE)		FEB. 3, 1975
NOISE		OCT. 24, 1974
SULFUR DIOXIDE		NOV. 24, 1975
TOLUENE		OCT. 6, 1975
TRICHLOROETHYLENE		OCT. 20, 1975
CARCINOGENS (GENERIC POLICY)		OCT. 4, 1977
COTTON DUST		DEC. 28, 1976

BRC 1315

31 CRITERIA DOCUMENTS DEVELOPED BY NIOSH

	Date Transmitted to DOL
ACRYLAMIDE	JAN. 6, 1977
ACRYLONITRILE	OCT. 13, 1977
ALKANES	JULY 7, 1977
ALLYL CHLORIDE	NOV. 25, 1976
ASPHALT FUMES	OCT. 6, 1977
BENZOYL PEROXIDE	AUG. 4, 1977
BORON TRIFLUORIDE	FEB. 17, 1977
CADMIUM	AUG. 26, 1976
CARBON DIOXIDE	NOV. 4, 1976
CARBON DISULFIDE	MAY 12, 1977
CHLOROPRENE	OCT. 20, 1977
COAL TAR	OCT. 6, 1977
DIOXANE	SEPT. 15, 1977
EPICHLOROHYDRIN	DEC. 9, 1976
FIBROUS GLASS	JUNE 30, 1977
FLUOROCARBON POLYMERS	OCT. 6, 1977
FORMALDEHYDE	JAN. 13, 1977
HYDROGEN CYANIDE	DEC. 2, 1976
HYDROGEN SULFIDE	MAY 19, 1977
MALATHION	NOV. 18, 1976
METHYL PARATHION	DEC. 16, 1976
NICKEL (INORGANIC)	JULY 21, 1977
ORGANOTIN COMPOUNDS	NOV. 18, 1976
PARATHION	JULY 8, 1976
PETROLEUM SOLVENTS	SEPT. 29, 1977
PHENOL	NOV. 11, 1976
POLYCHLORINATED BIPHENYLS	OCT. 6, 1977
TETRACHLOROETHANE	MARCH 3, 1977
1,1,1-TRICHLOROETHANE (METHYL CHLOROFORM)	SEPT. 16, 1976
TUNGSTEN AND CEMENTED TUNGSTEN CARBIDE	OCT. 6, 1977
VANADIUM	SEPT. 1, 1977

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38 CRITERIA DOCUMENTS DEVELOPED BY NIOSH

	DATE TRANSMITTED TO DOL
ACETYLENE	JULY 1, 1976
AMMONIA	AUG. 1, 1974
ARSENIC	MAY 22, 1975
ASBESTOS	FEB. 10, 1975
BENZENE	AUG. 1, 1974
BERYLLIUM	JULY 6, 1972
CARBARYL (SEVIN)	JAN. 6, 1977
CARBON MONOXIDE	JULY 13, 1973
CARBON TETRACHLORIDE	FEB. 12, 1976
CHLORINE	JUNE 3, 1976
CHLOROFORM	SEPT. 19, 1974
CHROMIC ACID	JULY 26, 1973
CHROMIUM (VI)	JAN. 8, 1976
COKE OVEN EMISSIONS	MAR. 8, 1973
COTTON DUST	SEPT. 26, 1974
ETHYLENE DICHLORIDE	APRIL 29, 1976
FLUORIDES	SEPT. 4, 1975
HEAT STRESS	JULY 13, 1974
HYDROGEN FLUORIDE	APRIL 8, 1976
ISOPROPYL ALCOHOL	APRIL 8, 1976
KEPONE	FEB. 5, 1976
LEAD (INORGANIC)	JAN. 18, 1973
MERCURY (INORGANIC)	AUG. 23, 1973
METHYL ALCOHOL	JUNE 17, 1976
METHYLENE CHLORIDE	JUNE 24, 1976
NITRIC ACID	JUNE 24, 1976
NITROGEN OXIDES	APRIL 1, 1976
PHOSGENE	FEB. 26, 1976
RADIATION (ULTRAVIOLET)	JAN. 18, 1973
SILICA (CRYSTALLINE)	NOV. 14, 1974
SODIUM HYDROXIDE	OCT. 9, 1975
SULFUR DIOXIDE	FEB. 21, 1974
SULFURIC ACID	JUNE 20, 1974
TOLUENE	JULY 26, 1973
TOLUENE DIISOCYANATE	JULY 19, 1973
TRICHLOROETHYLENE	AUG. 2, 1973
XYLENE	JUNE 12, 1975
ZINC OXIDE	OCT. 30, 1975

1 IN 1972
9 IN 1973
8 IN 1974
6 IN 1975
24 IN 1976
21 IN 1977

69

BRC 1317

Chlorocetaldehyde
Alpha-Chloroacetophenone
P-Nitroaniline
Pival (Pivalyl-1,3-Indandione)
Acrolein
Diphenyl (Biphenyl)
Furfural
Terphenyls

Sec-Amyl Acetate
Tert-Butyl Acetate
Sec-Butyl Acetate
Butyl Acetate
2-Ethoxyethylacetate
Ethyl Acrylate
Ethyl Formate

Sec-Hexyl Acetate
Isoamyl Acetate
Isobutyl Acetate
Methyl Acetate
Methyl Acrylate
Methyl Cellosolve Acetate
Methyl Methacrylate
N-Propyl Acetate

N-Amyl Acetate
Sec-Butyl Alcohol
Tert-Butyl Alcohol
Butyl Alcohol (N-Butyl Alcohol)
Cyclohexanol
Diacetone Alcohol
Ethyl Acetate

Hydroquinone
Isoamyl Alcohol
Isobutyl Alcohol
Isopropyl Acetate
*Isopropyl Alcohol
*Methyl Alcohol
Methyl Isobutyl Carbinol
Propyl Alcohol

2-Butoxy Ethanol
N-Butyl Glycidyl Ether
Cyclohexene
Dipropylene Glycol Methyl Ether
Ethyl Ether
Glycidol

Isopropyl Glycidyl Ether
Methyl Cellosolve
Methylal
Phenyl Glycidyl Ether
Tetrahydrofuran

Butadiene
*Dioxane
Heptane
Methylcyclohexane
Naphtha (Coaltar)

Octane
Pentane
Petroleum Distillates (Naphtha)
Propylene Dichloride
Turpentine

Benzyl Chloride
Bromoform
Chlorobromomethane
1,2-Dichloroethylene
Difluorodibromomethane

Ethyl Bromide
Hexachloronaphthalene
Methyl Iodide

Acetylene Tetrabromide
*Allyl Chloride
Chlorobenzene
Chlorodiphenyl (54% Chloride)
1,1-Dichloroethane
Epichlorohydrin

1,1,2,2-Tetrachloro-1,2-Difluoroethane
1,1,1,2-Tetrachloro-2,2-Difluoroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloro-1,2,2-Trifluoroethane
1,2,3-Trichloropropane
Trifluoromonobromomethane

Arsine
*Carbon Tetrachloride
Diazomethane
O-Dichlorobenzene
Diethylamine
Dimethylamine

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*Ethylene Dichloride
*Methyl Chloroform
*Tetrachloroethylene
1,1,2-Trichloroethane

*Acrylonitrile
Aniline
Ethylamine
Ethylenediamine
Morpholine
Acetic Anhydride
Acetonitrile
Cresol, all isomers
Dimethylaniline
Hydrogen Bromide
*Hydrogen Fluoride
*Phenol
Phenylhydrazine
Pyridine
*Sulfuric Acid
o-Toluidine
Xylidine

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1978-79 PROJECTIONS

ACRYLONITRILE	1978
LEAD (INORGANIC)	1978
BENZENE	1978
CHLORINATED COMPOUNDS	
ALLYL CHLORIDE	
CARBON TETRACHLORIDE	
METHYL CHLORIDE	
TETRA OR PERCHLOROETHYLENE	
TRICHLOROETHYLENE	
CARCINOGENIC GENERIC STANDARD	1979
STANDARDS COMPLETION PROJECT	1979
ESN (AND SIMILAR SURPRISES)	
DIMETHYLAMINOPROPIONITRILE	

BRC 1320

INTERNAL CORRESPONDENCE

UNION CARBIDE CORPORATION

P. O. BOX 3370, BROWNSVILLE, TEXAS 78520

CHEMICALS AND PLASTICS

To (Name) Messrs.:
Company B. F. Brown
Location R. C. Glock
E. O. Davis
R. F. Green
Staff (11)

Date April 23, 1978

Originating Dept.

Answering letter date

Subject Status OSHA Health Standards for Chemical Exposure

Copy to

File Occ. Health

Gentlemen:

Attached is an updated summary of OSHA standards activity, NIOSH criteria documents, draft technical standards and a 1978-79 projection of standards to become effective in the near future. If information or copies of any listed documents are wanted, please contact me.

Very truly yours,

K. Gran Townsend

KGT:mfw
Attachment

BRC 1312