PLAINTIFF'S EXHIBIT

UC-1886

INTERNAL CORRESPONDENCE

UNION CARBIDE CORPORATION

P. O. BOX 3370, BROWNSVILLE, TEXAS 78520

CHEMICALS AND PLASTICS

To (Name) Operating Department Heads (4)
Company /Ms. Rita Murphy
Location K. G. Townsend/M. Gutierrez
J. L. Garcia
E. O. Davis
A. G. Stephens

Copy to
A. L. Barefoot
C. M. Partridge
R. C. Glock
C. A. Keil
W. W. McManus
Shift Superintendents (2)
S. J. Footer

Date June 23, 1975

Originating Dept.

Answering letter date

Subject Proposed Toxic Hazardous Substances Legislation - OSHA - NIOSH, EPA Affecting Brownsville

This document summarizes various government lists of chemicals that have been identified as hazardous substances or are scheduled for examination or regulations. Several have appeared as proposed regulatory materials in recent issues of the Federal Register.

A list of the top 50 chemicals by usage is included in the belief that some of these will be targeted for investigation.

Listed are those compounds which are used or produced at Brownsville. Although there has been some delay in proposal and formal enactment of regulations by the responsible agencies this should not be construed to indicate that regulations are not forthcoming.

Please give this document wide circulation and careful review. I will keep you informed of the proposed legislation as it appears.

Very truly yours,

L. T. Windel

L. T. Windel

LTW/gr

Attachments

BRB 0568

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CHEMICALS LISTED AS HAZARDOUS AIR POLLUTANTS WHICH AFFECT BROWNSVILLE

1. Asbestos

2. Mercury

CHEMICALS LISTED AS TOXIC WATER POLLUTANTS WHICH AFFECT BROWNSVILLE

1. None

CHEMICALS FOR WHICH STANDARDS HAVE BEEN PROMULGATED BY OSHA AND WHICH AFFECT BROWNSVILLE

1. Asbestos

CHEMICALS FOR WHICH CRITERIA DOCUMENTS HAVE BEEN PUBLISHED BY NIOSH AND WHICH AFFECT BROWNSVILLE

1. Ammonia

2. Carbon Monoxide

3. Sulfuric Acid

4. Toluene

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EPA* LIST OF CHEMICALS CONSIDERED HAZARDOUS WHEN SPILLED INTO WATER (BROWNSVILLE MATERIALS)

PRODUCT	FOUND IN (P)RODUCTION, (M)AINTENANCE
Acetaldehyde	P
Acetic Acid	P
Acetic Anhydride	P
Ammonia	P
Butyl Acetate	P
Butyric Acid	P
Chlorine	P
Copper Acetate	P, M (Heat exchanger cleaning)
Formic Acid	P
Ferrous Sulfate	(Tech Services - Note)
Mercury	M
Nickel Acetate	M
Phosphoric Acid	P
Propionic Acid	P
Sodium Phosphate, All forms	P
Sulfuric Acid	P
Toluene	P

*This advance notice of proposed rulemaking is issued under authority of Section 311 and 501 of the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et. seq.)

BRB 0570

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400 CHEMICALS FOR WHICH OSHA HAS ANNOUNCED INTENT TO PROMULGATE STANDARDS (CHEMICALS FOUND AT BROWNSVILLE)

PRODUCT	DATE EXPECTED	PRODUCTION, MAINTENANCE & LAB
Acetone	Aug. 74	P, L
MEK	Proposal Published	P, L
Hydrogen Sulfide	Aug. 74	P, M
Butyl Acetate(s)	Jan. 75	P, L
Ethyl Formate	Jan. 75	P, L
Methyl Acetate	Jan. 75	P, L
Propyl Acetate	Jan. 75	P, L
Butanol	Feb. 75	P, L
Isopropyl Acetate	Feb. 75	P, L
Isopropanol	Feb. 75	L
Methanol	Feb. 75	P, L
Ketene	April 75	P
Liquified Petroleum Gas	April 75	P, L
Refrigerants 12, 21, 114	May 75	P, M
Ethanolamine	June 75	P, L
Acetic Acid	Aug. 75	P, L
Acetic Anhydride	Aug. 75	P, L
Formic Acid	Aug. 75	P, L
Sulfuric Acid	Aug. 75	P, L
Copper Dusts	Sept. 75	M
Mercury	Oct. 75	M, L

BRB 0571

400 CHEMICALS (Continued)

PRODUCT	DATE EXPECTED	PRODUCTION, MAINTENANCE & LAB
Nickel and Salts	Oct. 75	M, L
Iodine	Nov. 75	L
Carbon Black (Wacker)	Dec. 75	P
Carbon Dioxide	Dec. 75	P
Carbon Disulfide	Dec. 75	L
Silica including Perlite	Dec. 75	P, M
Hydrogen Peroxide 90%	Feb. 76	L
Oil Mist, Mineral	Feb. 76	P, M
Methyl Formate	Mar. 76	P, L
Carbon Tetrachloride	Mar. 76	L
Silica, Crystalline	Mar. 76	M, P
Chlorine	April 76	
Phosphoric Acid	April 76	P
Ammonia	May 76	P, L
Carbon Monoxide	May 76	P, L, M
Copper Fume	May 76	M
Toluene	May 76	P, M, L
Iron Oxide Fume	June 76	M
Sodium Hydroxide	July 76	P, M, L
Stoddard Solvent (Varsol)	July 76	M

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CHEMICALS MENTIONED IN SENATE-HOUSE TESTIMONY RELATING TO THE TOXIC SUBSTANCES CONTROL ACT (BROWNSVILLE PRODUCTS)

Asbestos

Boiler Cleaning Products

Chromium

Carbonates

Chemical Reagents

Chlorinated Hydrocarbons

Chlorine

Detergents

Food Additives

Mercury

Nickel

Phosphates

Polyvinyl chloride

Silica

Caustic Soda

Freon propellants

Sodium Tripolyphosphates

CHEMICALS LISTED BY EPA FOR EXAMINATION AS CANDIDATES FOR DESIGNATION AS TOXIC WATER POLLUTANTS (BROWNSVILLE PRODUCTS)

Chromium

Asbestos

Lead

Nickel

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*TOP 50 PRODUCTS BASED ON 1973 PRODUCTION

(USED AT BROWNSVILLE)

1. Sulfuric Acid
2. Oxygen
3. Ammonia
5. Sodium Hydroxide
6. Chlorine
8. Sodium Carbonate
11. Phosphoric Acid
15. Urea
17. Toluene
23. Hydrochloric Acid
28. Ethylene Glycol
30. Carbon Dioxide
34. Acetic Acid
40. Acetone
41. Ethanol
45. Acetic Anhydride
49. Acetaldehyde

* Regulations will most likely be promulgated on the "top 50" initially by the agencies.

BRB 0574

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INTERNAL CORRESPONDENCE

UNION CARBIDE CORPORATION

P. O. BOX 3370, BROWNSVILLE, TEXAS 78520

COATINGS MATERIALS DIVISION

To (Name) R. C. McDermott
Company J. L. Wyatt
Location

Date November 2, 1982

Originating Dept.

Answering letter date

Subject List of Teratogens and Carcinogens Found in Brownsville Plant

Copy to M. Gutierrez
D. R. Haley

One of the deficiency items listed in our recent Safety and Health Audit was the lack of an up-to-date list of teratogens in the nurse's office.

To eliminate this deficiency the attached lists are being distributed to you. One list contains the names of chemicals found in the Brownsville plant that appear in the UCC Internal Exposure Standard List, also included. The first list indicates where the chemical is found in the plant, the amount of material at each location and the reason for being listed, i.e., toxicity, carcinogen or teratogen. The second list is, as aforementioned, the UCC Internal Exposure Standard List which contains various other information about the chemicals found in the Corporation.

After review of these lists I recommend that this information be further distributed within the plant to comply with the Divisional requirement of informing employees of identified occupational health risks.

Gran

K. Gran Townsend (2)

KGT:mfw
Attachment

BRB 0464

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