AROCLOR GENERAL

1972

NEV 025042




738297

WATER_PCB-00049803

Monsanto

FROM (NAME & LOCATION) E. M. Potter - General Offices - B2NK

DATE June 27, 1972

SUBJECT PCB LABELS, DRUMS & NOTICES

REFERENCE

TO A. E. Leisy - 1740

cc G. W. Kasten - G4NK
W. N. Maddox - B2NG
D. T. Mayer - 1740
B. M. McCutchan - 1740
O. N. Mueth - 1740
C. Paton - B2SC
J. R. Savage - B2SL
G. R. Sido - G5EC
R. C. E. Sprague - B2NG
W. A. Stewart - A2SE
L. W. Surbaugh - B2NF
B. R. Williams - 1740
W. B. Papageorge - B2NA

Attached is a copy of a memo by Cumming Paton and a memo from J. N. Haggart to Cumming Paton on the above subject. You will notice that we are going to change to a yellow drum with appropriate warning notices printed on the drum in seven (7) languages. The type of container will remain the same for both the 55 and the 30 gallon drums which we are now using.

In addition to the drum change you will notice there is a request for a notice on the bill of lading, on the order acknowledgement and on the invoice. I am told that our computer which enters the orders and cuts the invoice notices is not presently capable of printing the bill of lading notice and the invoice notice on the proper copies of the order set.

The order acknowledgement is being handled by Bill Maddox and is no problem. Wayne Surbaugh is aware of the requirement for the invoice and will determine how this can be done. I'm in hopes that in doing this he may come up with a method of getting the proper information on the bill of lading. If this is not possible it will then be necessary for the plant, with the assistance of Mr. Kasten, to develop a method of getting the proper information on the bill of lading.

At this time I feel there is nothing the plant can do until Mr. Surbaugh has looked at the possibility of providing the information on the order set as it is conceived at the plant. It is desirable that you know that these changes are in process and it may be necessary for the plant to take action on the bill of lading copy.

Mr. Sido is working with personnel in the Corporate Distribution group to arrange for the proper printing on the drums. Obviously the plant will have to order the drums painted and printed to Mr. Sido's specifications when those are available.

Earl M. Potter

EMP/er

Attachments

NEV 025043

IN - 10 REV 1 72

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WATER_PCB-00049804

**Monsanto**

FROM (NAME & LOCATION) B2SC Cumming Paton

DATE June 5, 1972

SUBJECT PCB Labels, Drums and Notices

MEMO NO.

cc 5040 J. N. Haggart
B2NG W. N. Maddox
B1NB P. G. Ziegenfuss

TO

B2NK W. B. PAPAGEORGE
B2SC P. G. BENIGNUS
B2SL J. R. SAVAGE
→B2NK E. M. POTTER
A2NA E. GREENE
A2SE W. A. STEWART
B2SA J. F. STAPLETON
B2SL T. L. GOSSAGE
B2SL H. S. BERGEN
G5EC G. R. SIDO

The attached memo from John Haggart summarizes a meeting between Messrs. Haggart, Sido, D. Jones, Potter, Stewart and myself on drums, labels and warning notices for PCBs.

We reached agreement on:

(a) Drum Types

MCL will use yellow drums with the label notice on PCBs lithographed in black.

The product label (ie. Aroclor type, weight, etc.) will be stuck onto the drum above the lithographed section.

MICC will follow MCL's procedure in that we want to avoid inventory of domestic and export drums. If we lithograph the warning notice in 7 major languages we won't forget to attach a warning notice for export.

(Note: EMP Re yellow drums for M.I.C.C. what does that do to us regarding Westinghouse - Canada.)

(b) Drum & Container Labels

MICC and MCL will have identical wording except where U.S. and U.K. codes dictate otherwise. (Differences will be slight.)

(c) Bill of Lading Notice

Same for MCL/MICC.

NEV 025044

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(d) Order Acknowledgment/Invoice Notice

Same for MCL/MICC

Please review John's memo.

Please send any corrections, objections or approvals to my attention by June 9. I will collect all replies and respond to John by telex. Since we are targeting to have MESA send the artwork to St. Louis by July 1, please do not delay.

Thank you.

Cumming Paton

cs
Attachment

NEV 025045

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WATER_PCB-00049806

Monsanto

FROM JN HAGGART - Brussels

DATE May 29, 1972

SUBJECT PCB LABELS AND NOTICES

REFERENCE JNH/cdl

TO CUMMING PATON - St. Louis ✓

cc
PJA MARSH - Brussels
A ARPINO - Brussels
CR PERRY - Brussels
AE MEADOWCROFT - Brussels
DR DIGBY - Brussels
K FLETCHER - Brussels
GR SIDO - St. Louis
JR STAPLETON - St. Louis
EM POTTER - St. Louis

To summerise our May 25th meeting in St. Louis I'm listing down the key points :

A. DRUMS & CONTAINERS

1. The label now reads :

IMPORTANT CHLORODIPHENYLS 42 - 54 % (or 60 %) PCB

This product contains POLYCHLORINATED BIPHENYLS (PCB's) which st studies have shown may be persistant, an environmental contaminant and, possibly, injurious to certain forms of bird, aquatic and animal life. Prevent any entryinto the environment through spills, leakage, disposal, vapourisation, re-use of containers or otherwise. Spills, leakages and waste product must be collected.
Use of this product must be restricted to applications which can be controlled so that entry into the environment does not occur and to applications in which it cannot come into contact with food, animal feedstuffs or pharmaceuticals.

HARMFUL SUBSTANCE if taken internally or if in prolonged contact with the skin
CAUSES IRRITATION of skin and eyes.

During shipment avoid spills and leakage into inland waterways and the sea.

Keep away from food, animal feedstuffs and pharmaceuticals.

Keep container properly closed.

Do not eat or smoke when using

Avoid breathing vapours, mist or fumes. NEV 025046

Do not wear contaminated clothing.

Wash product from skin with soap and water.

Wash eyes by flushing with water.

(P.S. you'll notice we've eliminated "Avoid contact with eyes or prolonged contact with skin" from the optional phrases and we've added "During shipment avoid spills and leakage into inland waterways and the sea". This is to conform with UK Department of Trade & Industry instructions relating to PCB shipments).

(cont'd)



WATER_PCB-00049807

(cont'd) PCB LABELS AND NOTICES

2. A yellow drum will be used, with the above wording lithographed on in black using 14 point news gothic, new gothic condensed o similar.

3. The above text will be printed on the drum in the following languages :

(i ) English
(ii ) French
(iii) German
(iv ) Italian
(v ) Dutch
(vi ) Spanish
(vii) Portuguese

This makes 7 languages which will be arranged in 8 blocks leaving one block vacant to stick on a label in less used languages such as Russian, Finnish, Swedish etc.

B. BILL OF LADING NOTICE

This will read as follows : /some

This product contain POLYCHLORINATED BIPHENYLS (PCB's) which/studi have shown may be persistant, an environmental contaminant and, possibly, injurious to certain forms of bird, aquatic and animal life. Prevent any entry into the environment through spills, leakage, disposal, vapourisation, re-use of containers or otherwis Spills, leakages and waste product must be collected.

During shipment avoid spills and leakage into inland waterways and the sea.

Keep away from food, animal feedstuffs and pharmaceuticals.

C. ORDER ACKNOWLEDGEMENT / INVOICE NOTICE

This will read :

This product contains POLYCHLORINATED BIPHENYLS (PCB's) which some studies have shown may be persistant, an environmental contaminant and, possibly, injurious to certain forms of bird, aquatic and animal life. Prevent any entry into the environment through spills, leakage, disposal, vapourisation, re-use of containers or otherwise Spills, leakages and waste product must be collected.
Use of this product must be restricted to applications which can be controlled so that entry into the environment does not occur and to applications in which it cannot come into contact with food, animal feedstuffs or pharmaceuticals.

(cont'd) PCB LABELS AND NOTICES

D. ACTION PROGRAMMES

1. C. Paton - approve all above by telex.

2. AE Meadowcroft - Prepare 7 language art work for silk screen. This will be used by St. Louis as well. Target date for artwork arrival in St. Louis 1st July 1972

JN HAGGART

NEV 025048

738303

WATER_PCB-00049809

Monsanto

FROM (NAME & LOCATION) R. Sido - G4EC

file Carbon

DATE March 30, 1972

SUBJECT 1. PCB TANK CAR MARKING
2. BULK LOAD LABELING

REFERENCE

TO : B2NK -
MR. W. B. PAPAGEORGE

cc MESSRS:
B2SL - H. S. BERGEN
B2SL - W. R. COREY
B2SL - T. L. GOSSAGE
B2NC - W. L. FRIEHS
1740 - A. E. LEISEY
S. O. MORRISON
1740 - O. N. MUETH
1740 R. M. MCCUTCHAN
B2NK - E. M. POTTER
B2SL - J. R. SAVAGE
B2NA - C. B. SIGLER
W. R. SCHAFFER
B2SA - J. F. STAPLETON

This memo confirms arrangements were made with Orville Mueth and Walter Parker at the Krummrich Plant on Thursday, March 23, to put PCB leak and spill labels on both sides and both ends of each of the 60 tank cars. The labels will be protected from defacing by covering with heavy duty, clear Mylar. The labels will be placed as shown on the attached tank car diagram. The label text is as shown on the attached 4" x 10 3/4" layout. Krummrich has 1,000 of these printed labels. All of these PCB tank cars leaving the plant after March 23 will be marked in this fashion.

In addition to the above permanent markings, we are simultaneously initiating a bulk load labeling program for PCB shipments. The attached labeling Bulletin No. 8 gives a complete description of this plan. I believe it is unique in that it utilizes existing product labels and packing information envelopes and requires inventory only of a roll of Valeron film to provide plants with essential ingredients for implementation.

The first thing we wish to assure ourselves of is the suitability and durability of the Valeron film. We expect it to withstand the weather and abuse of flapping in the wind at high speeds. To confirm our confidence, I am asking that on each shipment for the next three months that a self-addressed, stamped, return envelope be included in the packing information envelope along with a request that the recipient return the label tag in the envelope so that we can be sure that it arrived in good condition. At the outset, this bulk load tag program must be a

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test and we must establish confidence in its ability to withstand the transport rigors. I suggest Marketing alert the purchasing agents of companies to which shipments are made and enlist their follow-up to be sure that the tags are returned for this examination.

Assuming this bulk load tag program is successful on PCB shipments, I envision its use throughout the company on all bulk loads.

G. R. Sido

/mw

NEV 025050

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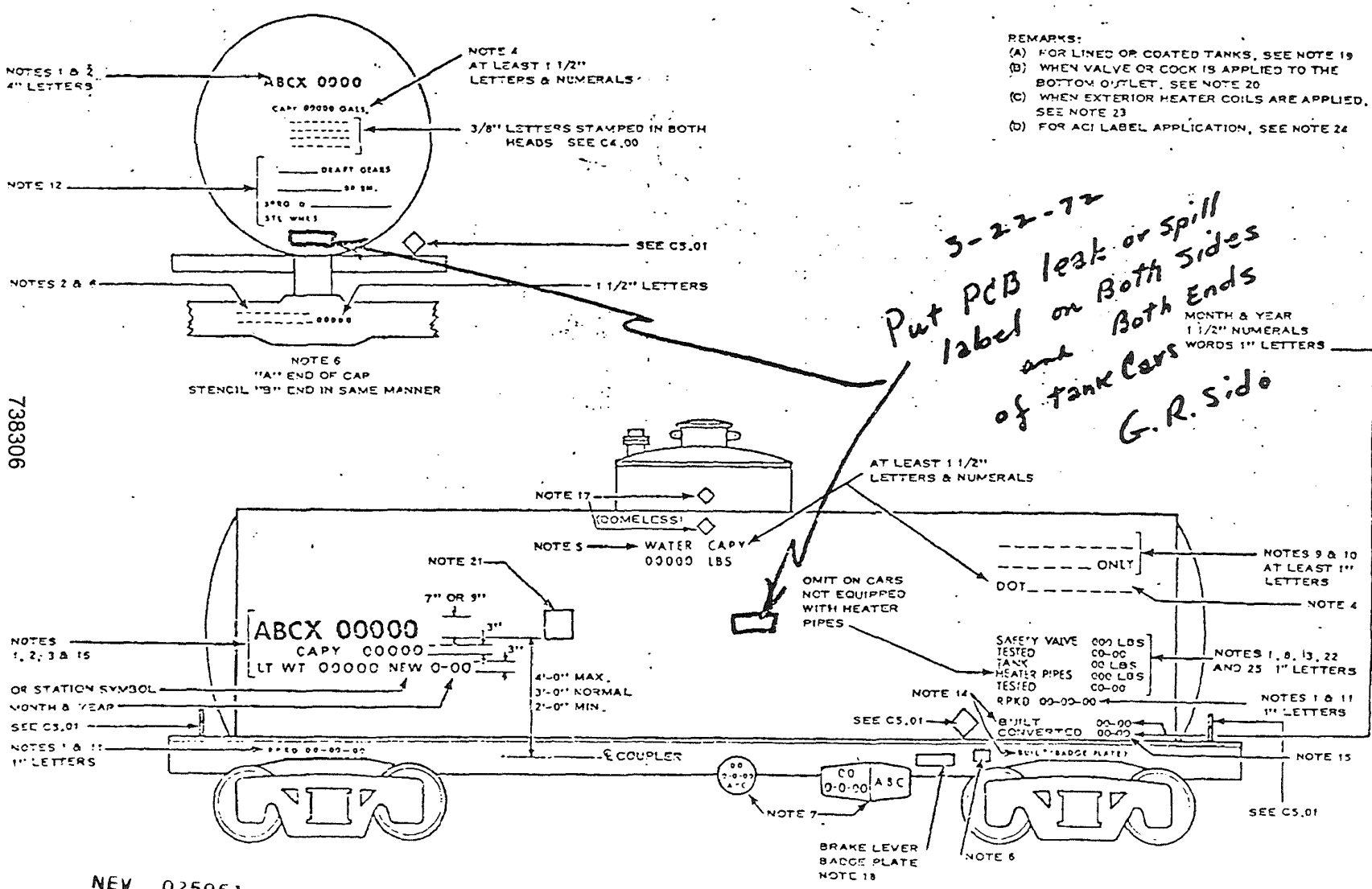


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FIGURE C1 — DOT AND AAR STENCIL REQUIREMENTS

JANUARY 1, 1970
REVISED JANUARY 1, 1971
AAR APPENDIX C

C

WATER_PCB-00049812

PCB Label for Tank Cars - 4" x 10 3/4" Black on white

a. Put 4 per car in designated locations!

b. Cover with heavy duty clear mylar 6" x 13", to protect from weather + spillage.

# IN CASE OF LEAK OR SPILL, CALL COLLECT 618 271-5835

## CAUTION!

CONTAINS CHLORINATED HYDROCARBONS

Avoid prolonged breathing of vapors or mists.

Avoid contact with eyes or prolonged contact with skin.

If skin contact occurs, remove by washing with soap and water. Following eye contact flush with water.

If clothing becomes soaked with fluid, launder before wearing again.

This product contains polychlorinated biphenyls, which some studies have shown may be persistent, an environmental contaminant and, possibly, injurious to certain forms of bird, aquatic and animal life. Extreme care should be taken to prevent any entry into the environment through spills, leakage, use, disposal, vaporization or otherwise.

Contact your Monsanto Representative regarding reclamation of used fluid.

## WASTE DISPOSAL

Used polychlorinated biphenyl fluids may be returned freight prepaid for proper incineration at 3¢ per pound.

Ship to: Supervisor Dept. A-246
MONSANTO COMPANY
SAUGET, ILLINOIS 62201

738307

NEV 025052

Trim 4" x 10 3/4" as shown!

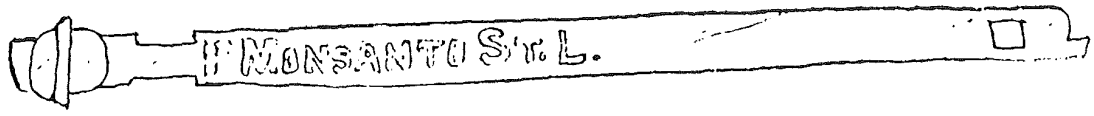
1000 on removable Sat 7 [illegible]

# BULK LOAD TAG

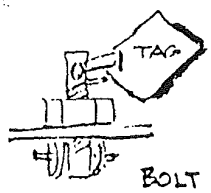
Monsanto

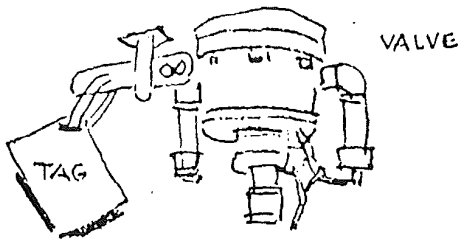
**LABELING BULLETIN**
Number 8

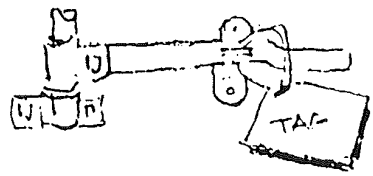
The bulk load tag is the standard drum label attached to a tough plastic sheet. A packing information envelope, if needed, is attached to the back of the same plastic sheet. The tag is folded and punched for easy hanging by the seal at the discharge outlet.



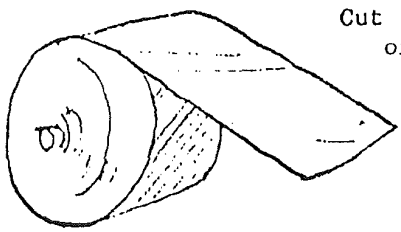

HANG THE TAG BY THE CAR SEAL, to the discharge outlet: bolt, valve or door latch.



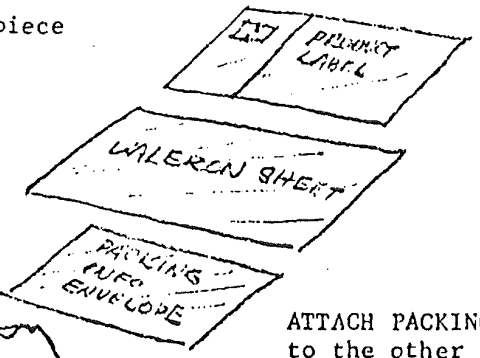




HOW TO ASSEMBLE THE BULK LOAD TAG



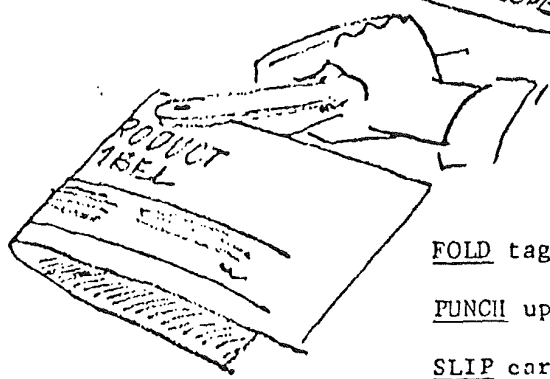
Cut 13" long piece of Valeron

6" wide roll of Valeron




ATTACH LABEL to one side of Valeron sheet.

ATTACH PACKING INFO ENVELOPE to the other side of the sheet.




NEV 025053

FOLD tag

PUNCH upper folded corner

SLIP car seal thru punched hole and fasten to discharge outlet.

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3-22-72
G.B. S.d.

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