Type all caps, at very end

Askarel fluids can be harmful to the environment. Protect and be good to your environment, your company and yourself by always following ~~these~~ recommend guidelines for handling ~~waste~~ askarel fluids

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Double space

A Guide To Accumulation and Shipment of

WASTE ASKAREL FLUIDS

~~A Guide to Proper Accumulation and Disposal~~

Note: The ~~following~~ stet instructions are intended only as a guide. ~~Detailed~~ For additional instructions ~~are available by referring to the reverse side of this chart, or refer to the~~ refer to the ANSI CIOT document, "Guidelines for Handling and Disposal of Capacitor and Transformer Grade Askarels, Containing Polychlorinated Biphenyls," available from the American National Standards Institute, 1430 Broadway, New York, New York 10018.

ACCUMULATION OF WASTE FLUIDS

DRUMS — WHAT TO USE

55-gallon drums: Must be 18-gauge steel or heavier, ~~with~~ and ha a 2-bung head.

5-gallon drums: Must be 24-gauge steel or heavier.

SPACE

(Drums must meet DOT 17-E specifications)

SPACE

DO NOT USE: Old drums
Rusted drums
Corroded drums
Damaged drums
Drums with weak walls or seams

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FILLING ~~THE~~ DRUMS

~~Fill drums with~~ LIQUID WASTE ONLY.

Keep ~~all~~ ~~waste~~ all solid materials out of ~~and away from~~ drums used for waste askarel liquid. # Solid materials (sludge, rags, nails, paper, sawdust, floor sweeping chemicals, etc.) must be accumulated and disposed of separately. Contact your environmental department for proper disposal of solid materials. methods for

Keep water out of drums.

Waste askarel fluids shipped to Monsanto ~~are~~ for ~~destroyed by~~ incineration. ~~Therefore, waste fluids~~ must not contain more than 1% water, or possible damage to the incinerator may result.

Do not overfill drums.

Leave ~~at~~ air space for fluid expansion

55-gallon drums: 1½" - 2" minimum (approx. 2 gallons)

~~55-gallon drums~~

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Do not overfill drums

~~The~~ Airspace ~~must be left in asbarel filled~~ is needed ~~drums~~ to allow for possible thermal expansion of the fluid:

Minimum airspace: 55-gallon drums -- 1½-2 inches
(approximately 2 gallons)
5-gallon drums -- 1 inch

Failure to leave sufficient ~~a~~ airspace can result in possible fluid leakage ~~through the bung seal~~ or seam failure due to ~~fluid~~ pressures caused by fluid expansion.

~~Sealing Drums~~ SEALING DRUMS

Use a
~~Seal drums with the~~ proper bung seal, inspecting the bung on the drum opening ~~and the bung for possible~~ to insure the tight, leak-proof seal.

Do not use damaged bungs, rags, pieces of wood, ~~or damaged bungs, to seal the drums~~ to seal the drums. or other inappropriate materials

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FILLED

STORING DRUMS PRIOR TO SHIPMENT

~~If~~ askarel-filled drums must be stored prior to ~~return~~ return to Monsanto:

- ~~Inspect drums to be sure they are properly and tightly sealed and clean of any~~
- Inspect Drums for Leakage

Inspect drums for leakage around seams and bung seal, making sure all seals are tight and leakproof.

- Clean ~~Drums~~ Up Spillage

Clean the outside of the drum of any spilled fluids, following approved cleaning methods. Properly dispose of materials and any water used to clean drums.

- Store in Enclosed Area

Drums should be stored ~~Store drums~~ in an enclosed area where they will be protected from possible damage and inclement weather.

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If drums must be stored in an exposed area, store drums on their sides so that rain water will not accumulate on the top of the drums. (As drums "breathe," water could be drawn into the drum through the bung seals). ~~Be~~ Use

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- Do Not Stack

* Do not stack drums, whether stored on their sides or on end.

~~TRANSPORTING DRUMS~~ IN-PLANT DRUM TRANSPORTATION

- Use Proper Drum-Handling Equipment

~~Do~~ Askarel-filled drums ~~should not be palletized for transportation.~~

grabbing

~~Properly~~ askarel-filled drums should be moved only with a proper drum-grabbing device. ~~to prevent possible damage~~ A parrot beak-type of drum grabbing device will reduce the possibility of damage to drums. Common drum handling devices of this type are the Lift-O-Matic, manufactured by Marvel Industries, or the Vert-O-Matic drum carrier.

~~Do Not Pallets~~

~~If drums must be palletized~~

~~Do~~ Askarel-filled drums should not be palletized. If pallets must be used:

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- Be sure pallets are properly constructed and undamaged to minimize the possibility of the drum falling from the pallet while being transported.

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- Steel-band all drums to their pallets

a

- If 2- or 4-drum pallets are used, drums should be banded together horizontally as well as vertically to the pallet.

- Single-drum pallets should be no more than 23 inches in width, multiple (2 or 4) drum pallets no more than 46 inches wide. So that four drums can be loaded across the width of truck to prevent shifting in transit.

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DRUM LABELING ~~AND SHIPMENT~~

The following procedure must be adhered to for shipped labeling ~~and shipment of~~ askarel-filled drums to Monsanto. For EACH Shipment:

1. Contact: Mr. C.R. Field
Monsanto Company
800 N. Lindbergh Blvd.
St. Louis, Missouri 63166
(314) 694-3024

2. Supply the following information to Mr. Field:

- Number of drums in the shipment.
- ~~Address where~~ Name and address of person to receive drum labels.
- Purchase Order number, if a specific number is to be used.
- Anything out of the ordinary about the fluid or the shipment.

Mr. Field will then send the following:

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- Letter of authorization for the shipment

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- Hazardous Fluids Warning to be attached to the bill of lading
- Terms of shipment and charges, if any.

Upon receipt of above materials:

2. Fill in ~~each~~ EACH label with ~~proper~~ Monsanto identification number, product description and YOUR telephone number.

3. Label EACH drum

4. Put ~~the~~ Monsanto identification number and your telephone number on ~~the~~ bill of lading and attach Hazardous Fluids Warning.

V. LOADING AND SHIPMENT

- Perform a final check for leakage, damage, ~~and tight seals~~ and to assure bungs are sealed tight
- Load and secure drums to prevent ~~movement~~ shifting in transit
- ~~Do not ship via piggyback~~
- If shipment is part of a mixed consignment, be certain drums are stowed away from any human or animal foodstuffs or

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- Be certain driver notes Hazardous Fluids Warning and telephone numbers in case of leakage or other problems.

- Do not ship via piggyback.

Please Note: Monsanto checks all shipments upon arrival. Failure to adhere to above guidelines could result in fluids being returned to the shipper and additional charges assessed.

Monsanto (logo)

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