

Appendix 1.

Revised 9/2/76

CHEMTREC DATA SHEET

VINYL CHLORIDE

(Interlining denotes deletion; additions are underlined)

1.2, 1.3, 1.4, 1.5 and notations in right hand column - NO CHANGE.

1.6 Shipping or B/L Description: Vinyl Chloride, Flammable Compressed Gas

COMMUNICATOR: READ NOTE ON REVERSE ONLY IF CALLER ASKS ABOUT
POSSIBLE CANCER INVOLVEMENT DUE TO EXPOSURE.

Nature of Product: Extremely flammable, compressed gas that has
little or no immediate health hazards. There
may be liquefied gas in the container. Fire
and explosion are the predominant dangers in
any accident involving Vinyl Chloride. Cancer
suspect agent.

HAZARDS

FIRE: Extremely flammable gas transported as a liquid under pressure. It
can be ignited by heat, sparks or open flame. Fire may cause violent
rupture of the tank.

EXPOSURE: MAY EXPLODE IF INVOLVED IN FIRE. Vapor from the burning material
is harmful. It is mostly Hydrogen Chloride. There is little
likelihood of Phosgene being present. Although chronic long term
exposure may cause cancer in humans, nothing has been observed to
indicate any carcinogenic effect for acute short term exposures.
As with any chemical material, minimum exposure is recommended.

IN CASE OF ACCIDENT

SPILL OR LEAK: If there is a leak but no fire, DO NOT ignite the gas. Use self
contained breathing apparatus and protective clothing. Clear the
area, keep upwind and use water spray to disperse vapor and protect
men attempting to shut off leak. Keep low behind the spray and
avoid entering vapor area as it may ignite and flash back to source.
If leak cannot be shut off, it would be best to consult shipper
prior to taking any further steps.

(over)

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Appendix 2.

Please send by September 30, 1976 to:

Mr. Dewey A. Kunze
CHEMTREC
Manufacturing Chemists Association
1825 Connecticut Avenue N.W.
Washington, D. C. 20009

This is to advise you that _____ will
(company)
assist shippers of vinyl chloride in the event of an emergency involving this
product, and you may release our name, telephone numbers, and the locations of
our response teams to such other shippers. We understand that Chemtrec will
contact the shipper of the tank car involved in the emergency and that it will
be this shipper who will contact our company should it be judged that personnel
are needed on the scene immediately and our company's response personnel are in
a geographic position to render aid quickly. Additionally, you may contact us
in the event you cannot identify or locate the shipper whose product may be
involved in a transportation emergency.

For the Chemtrec Data Sheet, our company number(s) for 24-hour contact
is (are) _____.

Our response team locations are as follows:

We agree to the revised Chemtrec Data Sheet for Vinyl Chloride Monomer as
submitted by the SPI VCM/PVC Producers Group and dated 9/2/76.

cc: Juliette Lang Cahn, SPI

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FIRE: LET IT BURN - STAY AWAY FROM ENDS OF TANKS. If massive fire, evacuate area for one-half mile, but on-the-scene judgement will be necessary. If large volume of water is available, use water spray from monitor nozzles to cool tanks that may have flame impinging from the fire; otherwise, STAY AWAY. Clear area immediately in case of high rising sound from venting safety device.

EXPOSURE: Remove to fresh air. If unconscious, call a physician. If not breathing, apply artificial respiration, oxygen. In case of contact with the liquid, thaw frosted parts with water. In case of exposure to gas from fire, administer oxygen, if breathing is difficult.

PRECAUTION: If Vinyl Chloride gets into sewer, flush sewers with fire hoses and copious amount of water.

(LISTING OF PARTICIPANTS TO BE REVISED)

Manufacturers listing phone numbers and cities work together in accident situations. They are available to assist each other in the event of an emergency involving this product. ALWAYS contact the shipper first, regardless of location of emergency. Ask shipper if the supporting company near scene should be called, or would they like you to give them phone number concerned. Advise shipper of name, location and telephone number of response team nearest scene. CHEMTREC MAY WILL CALL COMPANY NEAREST SCENE IF SHIPPER CANNOT BE LOCATED OR IDENTIFIED.

TO BE USED ONLY IF ASKED: Fire and explosion are by far the predominant dangers in any accident involving Vinyl Chloride. Although chronic long term exposure may cause cancer in humans, nothing has been observed to indicate any carcinogenic effects for acute short term exposures. As with any chemical material, minimum exposure is recommended.