

DR-0267-9698

ETHYLENE DIBROMIDE 90

REPT F

REVISED: 06/04/96

CAS NUMBER:
COMPOSITION:

92.5% DR-0001-5872 ETHYLENE DIBROMIDE
7.5% DR-0011-8343 STODDARD SOLVENT

APPEARANCE: light yellow clear liquid

EXPOSURE GUIDELINE:

DR-0001-5872 Ethylene dibromide: OSHA PEL is 20 ppm TWA, 30 ppm Ceiling, 50 ppm Peak. ACGIH categorizes as A3, Skin, without a designated TLV. PELs are in accord with those recommended by OSHA, as in the 1989 revision of PELs.

DR-0011-8343 Stoddard solvent: ACGIH TLV and OSHA PEL are 100 ppm. PELs are in accord with those recommended by OSHA, as in the 1989 revision of PELs.

- 0153 A "skin" notation following the exposure guideline refers to the potential for dermal absorption of the material.
- 0154 It is intended to alert the reader that inhalation may not be the only route of exposure and that measures to minimize dermal exposures should be considered.

INGESTION:

- 0200 Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

SKIN:

- LOW: - 0305 For brief contact, no precautions other than clean body-covering clothing should be needed.
- MOD: - 0350 Use protective clothing impervious to this material. Selection of specific items such as faceshield, gloves, boots, apron, or full body suit will depend on operation.
- 0370 Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse.
- HI: - 0350 Use protective clothing impervious to this material. Selection of specific items such as faceshield, gloves, boots, apron, or full body suit will depend on operation.
- 0370 Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse.
- 0380 Items which cannot be decontaminated, such as shoes, belts and watchbands, should be removed and destroyed.
- 0395 Launder all work clothing after each shift.

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EYE:

- LOW: - 0400 Use safety glasses.
- MOD: - 0405 Use chemical goggles.
- HI: - 0405 Use chemical goggles.
- 0410 Use a full-face respirator when there is any likelihood of splashes.

INHALATION:

- LOW: - 0500 No respiratory protection should be needed.
- MOD: - 0550 Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.
- HI: - 0550 Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.
- 0560 For emergency and other conditions where the exposure guideline may be greatly exceeded, use an approved positive-pressure self-contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply.
- 0570 In confined or poorly ventilated areas, use an approved positive-pressure supplied-air respirator.

WARNING PROPERTIES:

- 0610 Odor threshold for most people is 15 to 25 ppm.
- 0630 Odor is inadequate warning of excessive exposure.

VENTILATION:

- 0740 Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

NOTES:

PROTECTIVE EQUIPMENT INFORMATION

Selection of the most appropriate items of protective equipment will depend greatly on the conditions of use; consult your industrial hygiene or safety professional for assistance in determining the items of protective equipment best suited for the characteristics of your work situation.

RESPIRATOR TYPE:

- 0900 Test data indicate that the following are effective types of air-purifying respirators: organic vapor/acid gas, type N.

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CUSTOMER EQUIPMENT INFORMATION:

COMMENTS:

Protective clothing selection based on report in AIHAJ, 39 (1978).

REGULATIONS - CONSENT ORDER FOR PMN:

T.I.M.E. IH REVIEWED BY JPC ON 06/04/96

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