

Material Safety Data Sheet

ASI Part#: BAC-1001



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For Chemical Emergency Spill Leak Fire Exposure or Accident
Call CHEMTREC Day or Night
DOMESTIC NORTH AMERICA 800-424-9300
INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)

Identification

Name: Zep Aerosolve II

Product Number: 0181 (Aerosol Solvent Degreaser)

Hazardous Ingredients

| DESIGNATIONS | PPM | EFFECTS | % in PROD. |
|--|-----|--|------------|
| Trichloroethylene – acetylene trichloride 1- chloro – 2, 2 – dichloroethylene CAS# 79-01-6; RTECS# KX4550000 | 50 | Central nervous system depressant which reduces the activity of the brain and spinal chord. Irritant – causes reversible effects in living tissues (e.g. Inflammation) - primarily skin and eyes. | >90 |

IDENTIFIES CHEMICALS LISTED UNDER SARA – SECTION 313 FOR RELEASE REPORTING.

Health Hazard Data

Special Note: MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use (diluted) as long as prescribed safety precautions are practiced.

Acute Effects of Overexposure: Inhalation of vapor can produce central nervous system depression, characterized by dizziness, headache, nausea, cardiac and/or respiratory depression, and stupor. In extreme cases, unconsciousness or death could result in poorly ventilated or confined spaces. Exposure to high concentrations of vapor can be irritating to mucous membranes, such as eyes and upper respiratory tract. Severe eye exposure to liquid can cause reversible eye damage. Skin contact may cause a burning sensation and reddening of the skin. Introduction of solvent to the lungs, as in aspiration of vomitus fluids, may cause chemical pneumonia. Exposure to this product may aggravate existing respiratory or cardiac conditions. Inhalation of aerosol mist may produce chemical pneumonia.

Chronic Effects of Overexposure: Repeated or prolonged contact by inhalation or skin absorption may produce liver or kidney damage or damage to the central nervous system, characterized by tingling or numbness in the extremities, blurred vision or confusion. Skin, which is defatted by repeated exposure to solvents, is more susceptible to irritation, infection, and dermatitis. None of the ingredients are listed as carcinogens by IARC, NTP or OSHA.

EST'D PEL/TLV: Not established

PRIMARY ROUTES OF ENTRY: Inhalation and skin.

HMIS Codes: HEALTH 2; FLAM 2; REACT 0; PERS. PROTECT B; CHRONIC HAZ. YES

First Aid Procedures

Skin: Wash contaminated skin thoroughly with soap or a mild detergent. Apply a skin cream with lanolin. Get medical attention if irritation persists.

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Get medical attention at once.

Inhale: Move exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Get medical attention immediately.

Ingest: This route of exposure is not likely do to product nature.

Special Protection Information

Protective Clothing: Wear viton gloves or use gloves with demonstrated resistance to the ingredients in this product.

Eye Protection: Use tight-fitting safety glasses. Contact lenses should not be worn when working with this material.

Respiratory Protection: When exposure levels exceed the PEL/TLV, use a self-contained or supplied air respirator.

Ventilation: Provide local exhaust/ventilation as needed to keep concentration of vapors below exposure limits (PEL/TLV).

Physical Data

Boiling Point: 189

Vapor Pressure (mmHg): ~ 60

Solubility in Water:

VOC Content (Concentrate): 96.9%

Physical Data, cont'd

Vapor Density (AIR=1): 4.5
Specific Gravity:
pH (use of dilution of): N/A

Evaporation Rate (Ether=1): 3.1
pH (concentrate): N/A
Appearance & Color: A clear, colorless liquid with a mild solvent odor.

Fire & Explosion Data

Flash point (C) (Method Use): Not Flammable (CSMA)
Flammable Limits: LEL 8.0 UEL: 10.5 **Extinguishing Media:** Carbon dioxide, dry chemical and water fog.
Unusual Fire Hazards: None **Special Fire Fighting:** Wear self-contained positive pre. breathing apparatus.

Reactivity Data

Stability: Stable **Incompatibility (AVOID):** Strong alkalis, oxidizers and active metals.
Polymerization: Will not occur. **Hazardous Decomposition:** Carbon dioxide, carbon monoxide, hydrogen chloride and small amounts of phosgene & chlorine gas.

Spill & Disposal Procedures

Released or Spilled: Observe safety precautions in sections 4 & 9 during spill clean-up. Large spills are unlikely due to packaging. Spill may be absorbed on an inert absorbent material (e.g. Zep-O-Zorb), and placed in a suitable container for disposal. Wash area thoroughly with a detergent solution and rinse well with water.

Waste Disposal Method: Product is consumed in use. Do not crush, puncture or incinerate spent containers. Large numbers of aerosol containers may require handling as a hazardous waste, but in most states total hazardous waste quantities less than 220 lbs per month may allow disposal in a chemical or industrial waste landfill. Consult local, state and federal agencies for the proper disposal method in your area.

RCRA HAZ. WASTE NOS: Unused product – U228

Special Precautions

Handling & Storing: Do not store at temperatures above 120°F (39°C) or in direct sunlight. Do not puncture or incinerate container. Do not breathe spray mists or vapors. Vapors are heavier than air and will accumulate at low points. Ventilation should include floor level exhausting. Keep out of reach of children. Clothing or shoes, which become contaminated with substance should be removed promptly and re-worn until thoroughly cleaned.

Regulatory Information

Shipping Name: Consumer Commodity **DOT Packaging Group:** N/A
DOT Hazard Class: ORM-D **DOT I.D. Number:** N/A
DOT Label / Placard: ORM-D **EPA TSCA Chemical Inventory** – All ingredients are listed.
EPA CWA 40CFR Part 117 Substance (RQ in a single container): TRICHLOROETHYLENE

NOTE: DOT information applies to larger package sizes of affected products. For some products, DOT may require alternate names and labeling in accordance with packaging group requirements.

Disclaimer

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