

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: Zerol 300
Synonyms: Refrigeration Fluid

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4311

II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL	CAS#	% By Wt	TLV	PEL
Alkyl Benzene	688-55-24-3	100	N/A	N/A

All ingredients are TSCA listed.

III - PHYSICAL DATA

Vapor Pressure: mm Hg: N/A
Evaporation Rate: (ether=1): N/A
Solubility in H₂O: Insoluble
Freezing Point °F: N/AV
Boiling Point °F: 315°C
Specific Gravity H₂O=1 @25° C: 0.87

Vapor Density (Air=1) 60-90° F: N/A
VOC Content (% by wt.): N/A
pH @ N/AV Solution: N/AV
pH as Distributed: N/AV
Appearance: Water white liquid
Odor: Characteristic

IV - FIRE AND EXPLOSION

Flash Point F: (COC) 311°F (MIN) **Flammable Limits:** N/A

Extinguishing Media: CO₂, dry chemical, foam, water fog.

Special Fire Fighting Procedures: For fires involving this material, do not enter any closed or confined fire space without proper protection equipment. This may include self-contained breathing apparatus to protect against the hazardous effect of normal products of combustion or oxygen deficiency. Read entire MSDS.

Unusual Fire and Explosion Hazards: N/AV

V - REACTIVITY DATA

Stability - Conditions to avoid: Stable

Incompatibility: May react with strong oxidizing materials.

Hazardous Decomposition Products: Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

Conditions Contributing to Hazardous Polymerizations: Will not occur.

VI - HEALTH HAZARD DATA**EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),**

A. ACUTE (Primary Route of Exposure): EYES: Expected to cause no more than minor eye irritation. Application of similar material into the eyes of rabbits produced slight membrane irritation without corneal injury. SKIN: Not a primary skin irritant, but may cause skin irritation on prolonged or frequently repeated contact. Application of a similar material onto the skin of rabbits produced slight erythema and edema. INHALATION: Avoid breathing mist or vapor. Prolonged exposure to vapors may cause dizziness and headache. Under normal use conditions, product is not an inhalation hazard INGESTION: May cause nausea. Not expected to be acutely toxic by ingestion..

B. SUBCHRONIC, CHRONIC, OTHER: No available information was found.

C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

VII - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: N/A

EYES: Flush eyes immediately with fresh water for at least 15 minutes while holding eyelids open. If irritation persists, see a doctor.

SKIN: Wash skin thoroughly with soap and water. See a doctor if irritation persists. Launder contaminated clothing.

INGESTION: If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take the person and product container to the nearest emergency treatment center or hospital.

VIII - SPILL OR LEAK PROCEDURE

Spill Management: Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or ground water. Clean up small spills using appropriate techniques with absorbent material. Remove contaminated soil and report and respond to larger releases.

Waste Disposal Methods: Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local authorities for approved disposal.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: None normally required

Eye Protection: Safety goggles **Gloves:** Rubber gloves

Other Clothing and Equipment: Impervious protective clothing.

Ventilation: Ventilation may be needed.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Do not weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently. CAUTION! Do not use pressure to empty drum or explosion may result.

Additional Information: Read and observe all label precautions.

NFPA

Health Hazard: 0

Fire Hazard.....: 1

Reactivity: 0

Specific Hazard:

HMIS RATING

Health Hazard..... : 0

Fire Hazard : 1

Reactivity : 0

Personal Protection.... : X (Sec. 9)

Revision Date: 8/6/2004

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions. While Seller believes that the information contained herein is accurate, such information is offered solely for its customers' consideration and verification under their specific use conditions.