



MATERIAL SAFETY DATA SHEET

Aerosol EM Degreasing Solvent

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: Aerosol EM Degreasing Solvent
Synonyms: Aerosol Motor Cleaner

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4083

II - HAZARDOUS INGREDIENTS OF MIXTURES

<u>MATERIAL</u>	<u>CAS#</u>	<u>% By Wt</u>	<u>TLV</u>	<u>PEL</u>
trichloroethylene	79-01-6	<55	50 ppm	50 ppm
perchloroethylene	127-18-4		25 ppm	25 ppm

Ingredient subject to reporting under Section 313 of Title III (SARA) and 40 CFR 372.

WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer .
All ingredients are TSCA listed.

III - PHYSICAL DATA

Vapor Pressure: @20°C: 85-100 psig	Vapor Density (Air=1) 60-90° F: N/E
Evaporation Rate: 2.1 concentrate only	VOC Content (% by wt.): 100
Solubility in H₂O: Insoluble	pH @ Solution: N/AV
Freezing Point °F: N/AV	pH as Distributed: N/AV
Boiling Point °F: N/A	Appearance: Clear, colorless spray
Specific Gravity H₂O=1 @25° C: 1.6	Odor: Chlorinated solvent odor

IV - FIRE AND EXPLOSION

Flash Point F: propellant <20°F **Flammable Limits:** N/E N/E
Extinguishing Media: CO₂, foam, dry chemical
Special Fire Fighting Procedures: Self contained breathing apparatus.
Unusual Fire and Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.

V - REACTIVITY DATA

Stability - Conditions to avoid: Stable - Open flame, high temperatures, welding arcs.
Incompatibility: Reactive metals aluminum, magnesium, strong oxidizing agents.
Hazardous Decomposition Products: CO₂, CO, HCl, small amounts of phosgene and chlorine.
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) INHALATION: Excessive inhalation of vapors can be harmful and may cause headaches, dizziness, asphyxia, anesthetic effects and possible unconsciousness.
EYES: Irritation SKIN: Irritation due to defatting of skin. INGESTION: Possible chemical pneumonitis if aspirated into lungs. Nausea.
B. SUBCHRONIC, CHRONIC, OTHER: (Effects due to excessive exposure to the raw materials of this mixture) May cause liver abnormalities, kidney, spleen, lung or brain damage, cardiac abnormalities. Perchloroethylene has been shown to increase the rate of spontaneously occurring malignant tumors in certain laboratory rats and mice.
C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

VII - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. Resuscitate if necessary. Get medical attention.

EYES: Flush with water for 15 minutes. If irritation persists, see a physician.

SKIN: Wash area with soap and plenty of water. If irritated, seek medical attention.

INGESTION: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

VIII - SPILL OR LEAK PROCEDURE

Spill Management: Absorb with suitable medium. Incinerate or landfill according to local, state or Federal regulations. Allow to evaporate if small spill. DO NOT FLUSH TO SEWER.

Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: If vapor concentration exceeds TLV, use respirator approved by U. S. Bureau of Mines for organic vapor.

Eye Protection: Safety glasses **Glove:** Neoprene

Other Clothing and Equipment: None.

Ventilation: Adequate ventilation to keep vapor concentration below TLV.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing : Do not store above 130°F. Do not puncture or incinerate containers.

Additional Information: Keep away from children. Avoid food contamination. Avoid inhalation of vapors.

NFPA

Health Hazard 2

Fire Hazard 0

Reactivity 0

Specific Hazard ...:

HMIS RATING

Health Hazard 2

Fire Hazard 0

Reactivity 0

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

Revision Date: 10/04/2002

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