

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): NAZ DAR SPOT REMOVER
Description: Spot Remover

DATE PREPARED / REVISED:

March 19 1999

DISTRIBUTED BY:
 NAZDAR
 8501 Hedge Lane Terrace
 Shawnee, KS 66227

PHONE NUMBER:

(913)422-1735

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Perchloroethylene	127-18-4		25 ppm	25 ppm	(SARA III)
Dichloromethane	75-09-2		25 ppm	25 ppm	(SARA III)

III. PHYSICAL PROPERTIES

Vapor density (air =1): > 1
Specify gravity: 1.4
Solubility in water: Nil
Vapor pressure, mmHg at 20 > 300
Appearance and odor: Clear liquid w/strong characteristic odor.

Melting point or range, °F Unknown
Boiling point or range, °F 104
Evaporation rate (butyl acetate=1): 11
pH (1% solution):

IV. FIRE AND EXPLOSION

Flash point, °F (give method): None
Auto ignition temperature, °F: Not Tested
Flammable limits in air volume %: lower (LEL) upper (UEL)
Fire extinguishing materials: water spray carbon dioxide other
 foam dry chemical

Special fire fighting procedures: Non-flammable, does not support combustion.

Unusual fire and explosion hazards: Containers exposed to intense heat should be cooled with water to prevent pressure build up which could result in container rupture.

V. REACTIVITY DATA

Stability: Stable Unstable _____
Conditions to avoid:

Incompatibility (materials to avoid): Strong oxidizing, reducing agents, aluminum

Hazardous decomposition products (including combustion products): CO, CO₂, Phosgene, HCL
 and other unidentified organic compounds.

Hazardous polymerization: May occur _____ Will not occur
Conditions to avoid: None Known

VI. HEALTH HAZARD INFORMATION**SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.**

Inhaled: May cause serious nervous system depression. Vapor harmful, acts as an anesthetic. Exposure can cause..

Skin: Skin irritant mainly through drying & defatting of tissues. .. elevated monoxide level in blood.

Swallowed: Keep away from food. Ingestion can cause abdominal irritation, nausea, vomiting, & diarrhea.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.

Acute: Over exposure can cause damage to kidneys, blood, nerves, liver & lungs.

Chronic: Potential cancer hazard based on lab test animals. Can cause damage to kidney, blood, nerves, liver, lungs.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush immediately with water. If irritation persists, get medical aid.

Skin contact: Remove contaminated clothing. Wash with soap & water. If irritation occurs, seek medical aid.

Inhaled: Remove victim to fresh air. Provide oxygen if breathing is difficult. Get medical attention.

Swallowed: Do NOT induce vomiting. Seek medical attention.

SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found on the list below.

YES: Federal OSHA NTP IARC

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with tumors, severe heart, skin, liver, or kidney problems should avoid use.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Absorb small spills onto suitable absorbant. Contain large spills by diking.

Disposal methods: May not be disposed of in sewer or landfill. Evaporate to dryness or contact disposal service company.

NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.

VIII. SPECIAL HANDLING PROCEDURES

Respiratory protection (type): None required under normal use conditions.

Ventilation and engineering controls: General to maintain concentrations below the PEL.

Eye protection (type): Safety glasses

Gloves (specify material): Viton

Other clothing and equipment: Adequate protective clothing to prevent skin contact.

Work practices, hygienic practices: Wash hands thoroughly after contact & before eating.

Other handling and storage requirements: Store containers in cool, dry area.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

HMIS Code System Rating = Health 2; Flammability 0; Reactivity 0.

NFPA Code System Rating = Health 2; Flammability 0; Reactivity 0.

Contains no Volatile Organic Compounds (V.O.C.), Components exempt.

This product is in compliance w/Calif. SCAQMD Rule 1171 as a cleanup material.

This product contains toxic chemicals subject to the reporting requirements of SARA Title III, Sec. 313.