



Material Safety Data Sheet

Date Prepared: 03/06/2000

Duraclean International, Inc.

	Health	Fire	Reactivity	Personal Protection Index
NFPA	2	1	0	H
HMIS	3	0	0	

MSDS #004-D

SECTION 1 - PRODUCT IDENTIFICATION

Distributor Name: Duraclean International, Inc.	24 Hr. Emergency Telephone No. (INFOTRAC): 1-800-535-5053 (U.S.)
Address: 220 W. Campus Dr., Arlington Heights, IL 60004	1-353-323-3500 (INTL)
Trade Name: WATERLESS SOLVENT (NEW, IMPROVED)	Product Type: Dry cleaner
Chemical Family: Chlorinated solvent	Formula: N/A

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/common name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Odorless mineral spirits		64742-48-9	100 ppm	50 ppm
This product contains the following chemicals subject to the reporting requirements of SARA 313 and 499 CFR 372.				
Trichloroethylene	75%	79-01-6		

SECTION 3 - PHYSICAL DATA

Boiling Point (degrees F): 194	Specific Gravity (H₂O=1.0): 1.10	pH Range: N/A
Vapor Pressure (mm Hg): 100	Vapor Density (Air = 1): 5	Melting Point (degrees F): N/A
Solubility in Water: <input type="checkbox"/> Complete <input type="checkbox"/> Invisible <input type="checkbox"/> Emulsible (or dispersible) <input checked="" type="checkbox"/> Slight (or partial)		
Evaporation Rate (vs. H₂O): <input checked="" type="checkbox"/> Faster <input type="checkbox"/> Slower <input type="checkbox"/> About the same		
Appearance: Clear, colorless liquid	Odor: Solvent	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): None <input type="checkbox"/> Boiling <input type="checkbox"/> None to limits	Flammable Limits: N/A	Upper:	Lower:
Extinguishing Media: Water, dry chemical, foam			
Special Fire Fighting Procedures: Self-contained breathing apparatus.			
Unusual Fire and Explosion Hazards: Be aware of decomposition products.			

SECTION 5 - REACTIVE DATA

Stability: Stable	Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: Hydrogen chloride, phosgene	Hazardous Polymerization: Will not occur.

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value-Product (Section 2-TLV): 50 ppm <input type="checkbox"/> Not established <input type="checkbox"/> Not Applicable
Primary Routes of Exposure: <input type="checkbox"/> Eye <input type="checkbox"/> Skin <input type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms of Over-exposure (acute):
Eyes: Causes irritation
Skin: Prolonged contact defats skin and causes irritation.
Ingestion: May cause gastro-intestinal irritation.
Inhalation: Causes anesthetic reaction, cardiac sensation.
Signs and Symptoms of Over-exposure (chronic): Not established
Medical Conditions aggravated by Over-exposure: Respiratory disease
Carcinogen/Suspect Carcinogen Ingredients: <input type="checkbox"/> NP <input checked="" type="checkbox"/> ARC <input type="checkbox"/> OSHA <input type="checkbox"/> None

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with water, if irritation persists, consult physician.

Skin: Wash with soap and water, if irritation persists, consult physician.

Ingestion: DO NOT INDUCE VOMITING. Get immediate attention.

Inhalation: Remove to fresh air. If unconscious, give artificial respiration. If breathing is difficult, consult physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required unless product is atomized. Use approved respirator for organic vapors.

Ventilation: Local Mechanical Other

Protective Gloves: Impervious to solvents.

Eye Protection: Glasses with side shields

Other Protective Clothing or Equipment: Prc Protect parts of body that may come in contact with product.

Work/Hygienic Practices: Wash with soap and water after contact.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled: Absorb into material such as saw dust.

Waste disposal methods: Dispose of to a landfill in conformance with Local, State and Federal regulations.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be taken in handling and storage: Keep away from heat or flames.

Keep container tightly closed and store in a cool place. Do not mix with other chemicals.

Other: KEEP OUT OF REACH OF CHILDREN

SECTION 11 - ENVIRONMENTAL INFORMATION

Spill or Release:

This product contains ingredients regulated under section 313 Emergency Planning and Community Right-to-Know Act (EPCRA) of SARA Title III and 40 CFR 372 and is not regulated as hazardous waste under CERCLA and is not subject to the Superfund tax.

Notice: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.