

MATERIAL SAFETY DATA SHEET
CD WIPES

AUGUST 2000

SECTION I **GENERAL INFORMATION**

Distributors name and address:

PerfectData Corporation
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EMERGENCY CONTACT: **CHEMTREC (800) 424-9300**

PRODUCT NAME: CD WIPES
105985-1
106347-1
106348-1

NFPA HAZARD RATING

Health (Blue): 1
Flammability (Red): 1
Reactivity (Yellow) 0

SECTION II **HAZARDOUS INGREDIENTS**

MATERIAL	CAS #	TLV (ppm)	%
Isopropanol	67-63-0	400 ppm	10-15%
Isopropyl Alcohol			

SECTION III **PHYSICAL DATA**

BOILING POINT (Deg F):	<212°F.	FREEZE POINT (Deg F):	<32
SPECIFIC GRAVITY:	.98	VAPOR PRESSURE (at 68°F):	<17 mmHg
APPEARANCE:	Clear	SOLUBILITY IN WATER:	100%
VOLATILES (% by wt.):	100	PERCENT ACTIVE:	16
ODOR:	Alcohol-like	VAPOR DENSITY (Air=1):	>1
EVAPORATION RATE (Butyl Acetate = 1):	<1	pH:	8-9

VOC=<160 grams per liter

These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

SECTION IV**FIRE AND EXPLOSION DATA**

FLASH POINT (Deg F--Setaflash): Over 120° F

AUTOIGNITION TEMP (Deg F): No data

FLAMMABLE LIMITS IN AIR, VOLUME %: Lower: No Data
Upper: No Data

EXTINGUISHING MEDIA: Water spray, foam, CO2, Dry Chemical

**SPECIAL FIRE FIGHTING
PROCEDURES:**

Evacuate non-essential people from the fire area. Fire fighters should wear self contained breathing apparatus (SCBA) with a full face piece when there is a possibility of exposure to smoke, fumes or hazardous decomposition products. Operate in positive pressure mode.

**UNUSUAL FIRE AND
EXPLOSION HAZARDS:**

Use water fog/spray to cool and lower the pressure of fire exposed containers, to flush vapors away.

SECTION V**HEALTH HAZARD DATA****SYMPTOMS OF
OVEREXPOSURE:**

Acute

**PRINCIPLE ROUTES
OF EXPOSURE:**

Inhalation, eyes and skin contact.

CONTACT WITH EYES:

May cause moderate irritation, redness, tearing blurred vision.

CONTACT WITH SKIN:

Prolonged or repeated contact may cause mild irritation.

SKIN ABSORPTION:

Mildly toxic if absorbed through the skin.

INHALATION:

Mild nasal and respiratory irritation with prolonged or repeated contact.

INGESTION:

Irritation; may cause vomiting, diarrhea and nausea.

**HEALTH EFFECTS OR
RISKS FROM EXPOSURE:**

Mild irritation

CHRONIC:

Exposure to Isopropanol has been suggested as a cause of the following effects in humans: Kidney Damage. It has caused liver abnormalities, kidney damage and brain damage in laboratory animals.

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SECTION VI

FIRST AID PROCEDURES

EYES: Remove contact lenses if worn. Gently irrigate with large amounts of cool water for 15 minutes; gently lift upper and lower eye lids occasionally. Do not allow victim to rub eyes. Seek medical attention if irritation persists. Do not attempt to neutralize with chemical agents.

SKIN: Wash affected skin area with soap and water. Flush with water. Do not allow contaminated clothing to remain in contact with the skin. Wash contaminated clothing before re-use. .

INHALATION: If discomfort is experienced, remove to fresh air. Give oxygen if required. If discomfort persists, seek medical attention. If breathing stops, seek medical attention immediately.

INGESTION: Wash out mouth area and give moderate amounts of fluid (water or milk) to dilute. Do not give anything by mouth if patient is unconscious, very drowsy, or having convulsions. If the patient is conscious, induce vomiting and give fluids again. Call a physician immediately.

SUSPECTED CANCER
AGENT: No

MEDICAL CONDITIONS
AGGRAVATED BY
EXPOSURE: Pre-existing skin disorders, respiratory diseases and blood diseases. As with any chemical, this product may enhance allergic conditions on certain people.

RECOMMENDATIONS
TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION VII

REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat, temperature extremes, flames, ignition sources

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION: Carbon oxides

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VIII

SPILL OR LEAK PROCEDURES

WARNING:	The floor surface may be slippery. Use care walking, working and standing.
LARGE SPILLS:	55 gallons or more Evacuate the hazard area of non-essential personnel. Wear appropriate respirator and rubber boots. Shut off source of leak only if safe to do so. Dike and contain. Pump/vacuum/scoop to non-leaking salvage drum or container. Mop up residue or absorb on clay, sand, or other absorbant compound. Reclaim where possible, use "clean" product for immediate non-critical need. Use ventilation as required to control vapor concentrations. Eye wash fountains should be available for emergency use.
SMALL SPILLS:	Mop up and rinse area. Place liquid into non-leaking containers for proper disposal. Rinse floor thoroughly.
WASTE DISPOSAL METHOD:	Dispose of wastes in accordance with Federal, State and Local regulations. In the event of an uncontrolled release, the user should determine if the release is reportable under applicable laws and regulation.

SECTION IX

CONTROL MEASURES

VENTILATION AND ENGINEERING CONTROLS:	In confined areas provide adequate local exhaust ventilation to lower the concentration of excessive mists, vapors or sprayed material. Use coarse spray settings to minimize airborne contamination.
RESPIRATORY PROTECTION:	For mists and sprayed material use NIOSH approved respirator.
PROTECTIVE GLOVES:	Rubber gloves decrease skin dryness and irritation.
EYE PROTECTION:	Chemical splash goggles. Do not wear contact lenses. Contact lenses will contribute to the severity of an eye injury.
OTHER PROTECTIVE EQUIPMENT:	Eye wash facility or equivalent. Exposed employees should exercise reasonable personal cleanliness, this includes cleansing exposed skin several times daily especially before mealtime. Launder or dry clean soiled work clothing daily.
WORK PRACTICES:	All food should be kept in a separate area, away from the working location. Eating, drinking, smoking and carrying of tobacco products should be prohibited in areas where there is a potential for exposure to the product. Before eating, drinking, smoking or using toilet facilities, hands should be washed. Direct all sprayed material away from the facial area.

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OTHER HANDLING
AND STORAGE
REQUIREMENTS:

Store in original polyethylene containers in a cool dry area away from other chemicals and food preparations. Containers of this material may be hazardous when emptied (contain product residues). All hazard precautions given in data sheet must be observed.

SECTION X

SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS:

CAUTION
KEEP OUT OF REACH OF CHILDREN

Do not get in eyes, on skin or on clothing. Do not take internally. Avoid breathing vapors. If eyes are contacted, irrigate eyes for 15 minutes. Seek medical attention if irritation persists. If skin is contacted, wash with water. If discomfort is experienced after prolonged exposure to mists/vapors, remove to fresh air. Seek medical attention if discomfort persists. If ingested, induce vomiting. Give moderate amounts of water or milk.

WORK/HYGIENIC PRACTICES

The recommendations described herein are intended to provide general guidance for minimizing exposure and potential risk when handling this product. Because use conditions will vary depending with each possible application, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

SECTION XI

TRANSPORT INFORMATION

PROPER SHIPPING NAME:
HAZARD CLASS:
UN NUMBER:

Non-Regulated
Non-hazardous by CFR 49 72.101
None
This product IS NOT DOT regulated

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