

MATERIAL SAFETY DATA SHEET

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

BRADY PINE ODOR CLEANER

SECTION I

Distributed by:

BRADY INDUSTRIES, INC.

Emergency Telephone Number

(800) 424-9300

Address (Number, Street, City, State & ZIP Code) Telephone Number for Information

4648 N. 7th AVENUE

(800) 533-8151

Date Prepared

PHOENIX, AZ 85013

01/10/2001

Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended Other Limits	% (optional)
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PINE OIL	CAS #8002-09-3	NOT ESTABLISHED		>1%
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ISOPROPANOL	CAS #67-63-0	400PPM 400PPM	NONE	>1%
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HAZARD RATING: HEALTH	=	0
4-EXTREME FIRE	=	0
3-HIGH REACTIVITY	=	0
2-MODERATE SPECIFIC HAZARDS	=	0
1-SLIGHT		
0-INSIGNIFICANT		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point

215°F

Specific Gravity (H2O = 1)

0.99

Vapor Pressure (mm Hg)

NOT TESTED

Melting Point

N/A

Vapor Density

HEAVIER THAN AIR

Evaporation Rate (Butyl Acetate = 1)

SLOWER THAN BUTYL ACETATE

Solubility in Water

pH
COMPLETELY SOLUBLE

11.0

Appearance and Odor

PALE YELLOW/AMBER LIQUID WITH A PINE ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)

NONE

Flammable Limits

NOT DETERMINED

LEL

UEL

Extinguishing Media

WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE

Special Fire Fighting Procedures

USE WATER TO KEEP FIRE-EXPOSED CONTAINER COOL

Unusual Fire and Explosion Hazards

NONE

(Reproduce locally)

OSHA 174, Sept. 1985

SECTION V - REACTIVITY DATA

Stability

Unstable

Conditions to Avoid

Stable

XXX

HEAT

Incompatibility (Materials to Avoid)

STRONG OXIDIZERS

Hazardous Decomposition or Byproducts

NONE

Hazardous May Occur

Conditions to Avoid

Polymerization

Will Not Occur XXX

NONE

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation? Skin?

Ingestion?

YES

YES

YES

Health Hazards (Acute and Chronic)

CAUSES EYE AND SKIN IRRITATION. VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE SEVERE GASTROINTESTINAL TRACT IRRITATION.

Emergency and First Aid Procedures

EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH WITH PLENTY OF LOW PRESSURE WATER FOR AT LEAST 15 MINUTES. REMOVE ANY CONTACT LENSES TO ENSURE THOROUGH FLUSHING. CONTACT A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. WASH CLOTHING BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. TREAT ANY IRRITATION SYMPTOMATICALLY. CALL A PHYSICIAN.

INGESTION: IF CONSCIOUS, PERSON SHOULD DRINK LARGE QUANTITIES OF LIQUID TO DILUTE PRODUCT. DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

NOTE: DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled

REMOVE SOURCES OF IGNITION. SMALL SPILLS: ADD ABSORBENT, SWEEP UP, PLACE IN D.O.T. APPROVED CONTAINER.

LARGE SPILLS: DIKE TO CONTAIN AND PUMP INTO DRUMS FOR USE OR DISPOSAL.

Waste Disposal Method

CONTACT STATE AND LOCAL AUTHORITIES FOR INFORMATION.

Precautions to Be Taken in Handling and Storing

THIS PRODUCT MAY REACT WITH STRONG OXIDIZERS AND SHOULD NOT BE STORED NEAR SUCH MATERIALS. KEEP AWAY FROM HEAT AND OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions

KEEP OUT OF REACH OF CHILDREN

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)

NOT REQUIRED WITH GOOD VENTILATION

Ventilation

Local Exhaust

Special

PROVIDE ADEQUATE VENTILATION

NONE

Mechanical (General)

Other

PROVIDE ADEQUATE VENTILATION

NONE

Protective Gloves

Eye Protection

RUBBER OR PLASTIC

SAFETY GLASSES

Other Protective Clothing or Equipment

RUBBER APRON

Work/Hygienic Practices

USE CARE AND COMMON SENSE