

**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**

Manufacturer's Name

BRADY INDUSTRIES, INC.

Emergency Telephone Number

(800) 424-9300

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

4175 SOUTH ARVILLE

(702) 876-3990

LAS VEGAS, NEVADA 89103

Date Prepared

03/24/01

Signature of Preparer (optional)

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity; Common Name(s))

Recommended

% (optional)

OSHA PEL

ACGIH TLV

Other Limits

PINE OIL

CAS #8002-09-3

NOT ESTABLISHED

&gt;1%

ISOPROPANOL

CAS #67-63-0

400PPM 400PPM NONE

&gt;1%

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

Density

Evaporation Rate (Butyl Acetate = 1)

Vapor

HEAVIER THAN AIR

SLOWER THAN BUTYL ACETATE

Solubility in Water

pH

COMPLETELY SOLUBLE

11.2

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

LEL

UEL

NOT DETERMINED

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 VII - 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

RUBBER OR PLASTIC

Eye Protection

SAFETY GLASSES

Other Protective Clothing or Equipment

RUBBER APRON

Work/Hygienic Practices

USE CARE AND COMMON SENSE