



MATERIAL SAFETY DATA SHEET

WHITE DIAMOND Bowling Alley Wax, Clear
Paste Wax

Date Prepared: 12/11/2000
Date Revised: 12/11/2000

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: WHITE DIAMOND Bowling Alley Wax, Clear Paste Wax

MANUFACTURER

The Butcher Company
67 Forest Street
Marlborough, MA 01752-3012

Butcher Telephone Number: 800-225-9475
Emergency Telephone (24 hours): 800-228-5635
CHEMTREC (U.S./Can.): 800-424-9300
CHEMTREC (Int'l): +1 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NO.	% BY WEIGHT
Mineral spirits	8052-41-3	60 – 75
Turpentine	8006-64-2	10 – 25

See Section 8 for Exposure Limits NA - Not Applicable

OSHA REGULATORY STATUS: This product is classified as hazardous under OSHA regulations.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
White Semi-Solid. Turpentine Odor. Combustible.

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(s) OF EXPOSURE: Eye Skin Contact Skin Absorption
 Inhalation Ingestion

EFFECTS OF ACUTE EXPOSURE

EYES:

May cause mild eye irritation. Symptoms may include redness and tearing.

SKIN:

May cause mild skin irritation. Symptoms may include redness.

INHALATION:

High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing. High concentrations of vapor or mist may also cause central nervous system effects including headache, dizziness and nausea.

INGESTION:

May cause mild mouth, throat and stomach irritation. Symptoms may include nausea. May also cause central nervous system effects including headache, dizziness and weakness. Ingestion may lead to aspiration into the lungs causing lung injury.

EFFECTS OF CHRONIC EXPOSURE:

Prolonged or repeated contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

MEDICAL CONDITIONS AGGRAVATED:

May aggravate pre-existing eye, skin and respiratory conditions.

4. FIRST AID MEASURES

EYES:

Flush eyes with plenty of water while holding eyelids apart. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not put any medication in the victim's eyes unless instructed by a physician. Get medical attention if irritation develops.

SKIN:

Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

INHALATION:

Remove to fresh air. If not breathing, give respiration; if breathing is difficult, give oxygen (by trained personnel only). Get medical attention if symptoms persist.

INGESTION:

Do not induce vomiting. Drink large quantities of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: 108°F 42.2°C TCC

FLAMMABLE LIMITS

UPPER EXPLOSIVE LIMIT: 6 (mineral spirits)

LOWER EXPLOSIVE LIMIT: 1 (mineral spirits)

AUTOIGNITION TEMPERATURE: Not applicable.

EXTINGUISHING MEDIA:

Use water fog, dry chemical, CO₂, or foam.

HAZARDOUS COMBUSTION PRODUCTS:

Normal products of combustion (carbon monoxide and carbon dioxide).

FIRE AND EXPLOSION HAZARDS:

This product is combustible and may be ignited by heat, sparks, flame, and other ignition sources. Vapors can travel to a source of ignition and flash back.

FIRE FIGHTING INSTRUCTIONS:

Evacuate area. Cool containers exposed to fire with water. MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

6. ACCIDENTAL RELEASE MEASURES

See Section 8, Exposure Controls/Personal Protection and Section 3, Hazard Identification. Floors may be slippery. Use care to avoid falling. Remove ignition sources and ventilate spill area. Keep non-essential personnel from entering spill area. Collect by carefully scooping or shoveling into a suitable dry container using non-sparking tools.

7. HANDLING AND STORAGE

HANDLING:

Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid breathing vapor or mist. Use spark-proof tools. Wash thoroughly after handling. Remove contaminated clothing. Wash clothing and equipment before reuse.

STORAGE:

Keep container closed when not in use. Store away from incompatible materials. (See Section 10, Stability and Reactivity). Store away from direct sunlight. Keep away from heat, sparks and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE:

Not required under normal conditions of use.

SKIN:

Where prolonged or repeated contact is possible, chemical-resistant clothing (e.g., gloves) is recommended.

RESPIRATORY:

No respiratory protection is required if ventilation is adequate.

ENGINEERING CONTROLS:

Good general room ventilation is expected to be adequate. If user operations generate vapor or mist, ventilation should be used to keep airborne concentrations below exposure limits.

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EXPOSURE LIMITS:

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Mineral spirits	500 ppm (2900 mg/m ³)	100 ppm (525 mg/m ³)
Turpentine	100 ppm (560 mg/m ³)	100 ppm (556 mg/m ³ (Ceiling))

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Semi-Solid
ODOR: Turpentine
APPEARANCE: White
pH: Not Applicable
PERCENT VOLATILE BY WEIGHT: 79
VAPOR PRESSURE: Not Available
VAPOR DENSITY: Not Available
BOILING POINT: 300°F 149°C
FREEZING/MELTING POINT: Not Available
SOLUBILITY IN WATER: Negligible
EVAPORATION RATE: Not Available
SPECIFIC GRAVITY: 1.0
VISCOSITY: Not Available
OCTANOL/WATER PARTITION COEFFICIENT: Not Available
ODOR THRESHOLD: Not Available

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID):
Stable.

POLYMERIZATION:
Will not occur.

HAZARDOUS DECOMPOSITION:
None known.

INCOMPATIBLE MATERIALS:
Oxidizers (e.g., bleach), strong acids (e.g., hydrochloric acid) and strong bases (e.g., sodium hydroxide).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:

This product causes mild eye and skin irritation. Based on acute toxicity testing, it is not considered to be toxic by ingestion. The following data are available for this product and its ingredients:

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<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
WHITE DIAMOND Bowling Alley Wax, Clear Paste Wax	23000 mg/kg	Not Available	Not Available
Mineral spirits	5000 mg/kg	>3000 Not Available	5500 mg/m ³ (4-hr)
Turpentine	5200 mg/kg	Not Available	2466 ppm (4-hr)

SENSITIZATION DATA:

Turpentine has been reported to cause allergic skin reaction (redness, swelling, and itching) in humans and in laboratory animals.

CHRONIC DATA:

Prolonged overexposure to high concentrations of aliphatic petroleum distillates by inhalation has caused minor kidney effects in laboratory animals.

REPRODUCTIVE/TERATOGENIC DATA:

No data available.

CARCINOGENIC/MUTAGENIC DATA:

Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.

SYNERGISTIC MATERIALS:

No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, as manufactured, is a RCRA hazardous waste (Ignitable-D001) in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

14. TRANSPORT INFORMATION

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Flammable solid, organic, n.o.s.
DOT/TDG TECHNICAL NAME: Petroleum distillates, turpentine
DOT/TDG HAZARD CLASS: 4.1
UN ID No./P.I.N. No.: 1325
DOT/TDG PACKING GROUP: II
NAERG: 133

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SPECIAL SHIPPING NOTES:

The above shipping information applies to 4 lb. package sizes only. For 1 and 2 lb. package sizes, the following applies: Consumer Commodity ORM-D.

15. REGULATORY INFORMATION

Not meant to be all-inclusive—selected regulations represented.

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard categories:
Immediate, Delayed.

313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None of the ingredients in this product are reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: This product complies with all TSCA inventory requirements.

MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:
INGREDIENT(S)

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>STATE LISTING</u>
Mineral spirits	8052-41-3	MA, NJ, PA
Turpentine	8006-64-2	MA, NJ, PA
Paraffin wax	8002-74-2	MA, PA
Carnuba wax	8015-86-9	Not Listed
Partially saponified waxes	NA	Not Listed

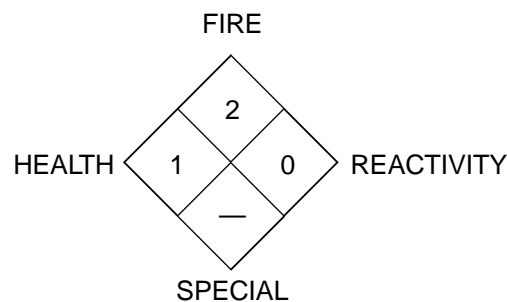
NA - Not Applicable

16. OTHER INFORMATION

HMIS RATING

HEALTH	-	1
FLAMMABILITY		2
REACTIVITY		0
PERSONAL PROTECTION	-	

NFPA RATING



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MSDS STATUS

Revision #: 1

This MSDS replaces the December 09, 1997 MSDS. Any changes in information are as follows:

In Section 1

Prepared By Date Prepared [] Print CHEMTREC Phone Number

In Section 9

(Group Field) for Vapor Pressure (Group Field) for Vapor Pressure Density Odor Threshold (Group Field) for Freezing Point (Group Field) for Evaporation Rate (Group Field) for Viscosity Coeff Oil/Water

In Section 10

Hazardous Decomposition Products

In Section 15

OSHA Hazard Comm. Rule WHMIS

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 12/11/2000

The information on this data sheet represents our current data and best opinion as to the proper use in handling of the product under normal foreseeable conditions. Any use of this product which is not in conformance with this data sheet or product label, or which involves using the product in combination with any other product or any other process is the responsibility of the user.