

Safety Data Sheet

Product Name: BEHR Premium Transparent Quick Dry Oil Base Wood Finish – Clear #4900
 Date of Preparation: 2/23/2018
 Date of Last Revision: N/A



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Manufacturer/Supplier: BEHR Process Corporation	Product Name: BEHR Premium Transparent Quick Dry Oil Base Wood Finish – Clear #4900
Street address: 3400 W. Segerstrom Avenue	Synonyms: None
City/State/Zip code: Santa Ana, CA 92704	Recommended use: Wood coating (outdoor use)
General phone number: (714) 545-7101	Restrictions on use: No other uses are recommended or advised.
General fax number: (714) 241-1002	
Customer service phone number: (800) 854-0133 ext. 2	
Emergency Phone: For emergencies in the US, call CHEMTREC: 800-424-9300 In Canada, call CANUTEC: (613) 996-6666 (call collect)	

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: Warning

Pictograms:

Health	Physical	Environmental
		Not classified.

Classifications:

Health	Physical	Environmental
Eye Damage/Irritation Category 2 Skin Sensitization Category 1	Flammable Liquid Category 3	Not classified.

Hazard Statements:

Causes serious eye irritation.
 May cause an allergic skin reaction.
 Flammable liquid and vapor.

Prevention:

Wash hands thoroughly after handling.
 Wear protective gloves/eye protection/face protection.
 Avoid breathing fumes, gas, mist, vapors, or spray.
 Contaminated work clothing must not be allowed out of the workplace.
 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 Keep container tightly closed.
 Ground/Bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.

Response:

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 If on skin (or hair): Wash with plenty of water and soap. Take off immediately all contaminated clothing. Rinse skin with water/shower.
 If skin irritation or rash occurs: Get medical advice/attention.
 Specific treatment (see Section 4 of this SDS).
 Wash contaminated clothing before reuse.
 In case of fire: Use water spray, carbon dioxide, dry chemical powder to extinguish fires.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

Dispose of contents/container in accordance with Local, State, and Federal regulations.

Hazards Not Otherwise Classified:

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CASRN	% weight*
Dimethyl carbonate	616-38-6	60% - 70%
Propylene carbonate	108-32-7	15% - 25%
3-Iodo-2-propynyl butyl carbamate	55406-53-6	> 0.1% - ≤ 0.5%

*The exact percentage (concentration) of composition has been withheld as a trade secret.

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SECTION 4: FIRST AID MEASURES

Eye contact:

Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Remove contacts if present and easy to do. Continue rinsing. Get medical attention, if irritation or symptoms of overexposure persists.

Skin contact:

Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion:

If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable/Unsuitable extinguishing media: Use water spray, carbon dioxide, dry chemical powder to extinguish fires.

Flash point: 74 °F (measured using EPA Method 1010)

Flammable limits: UEL: Not available
LEL: Not available

Auto ignition temperature: Not available.

Special protective equipment and precautions for firefighters:

As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear. Product is flammable. Cool fire-exposed containers using water spray.

Unusual fire or explosion hazards:

Product is flammable. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment (See Section 8).

Methods and material for containment and cleaning up:

Contain spills with an inert absorbent material such as soil or sand. Prevent from spreading by covering, diking or other means. Provide ventilation. Eliminate all ignition sources including those beyond the immediate spill area if safe to do so. Clean up spills immediately observing precautions in the protective equipment section. Collect spill with a non-sparking tool. Place into a suitable container for disposal. Take precautionary measures against static discharges. After removal, flush spill area with soap and water to remove trace residue.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

DO NOT use this product unless you can achieve cross-ventilation by opening windows and doors during application and drying or use the product outdoors. Use proper grounding procedures to reduce potential for static discharge, bond and ground containers when transferring material. Avoid breathing vapor and contact with eyes, skin and clothing. Wash hands thoroughly with soap after handling.

Conditions for safe storage:

Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Work Hygiene Practices:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Limits:

No exposure limits have been identified for the components of this product.

Engineering controls:

Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Eye and face protection:

Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation.

Skin and hand protection:

Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

Respiratory protection:

A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Environmental exposure controls:

Avoid runoff into storm sewers, ditches, and waterways.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque liquid.
Odor:	Solvent
Odor threshold:	Not available.
pH:	Not applicable.
Melting point:	Not applicable.
Initial boiling point and boiling range:	175 °F (ASTM D86)
Flash point:	74 °F (EPA Method 1010)
Evaporation rate (butyl acetate = 1):	Not available.
Flammability (solid, gas):	Liquid
Lower flammability/explosive limits	Not available.
Upper flammability/explosive limits	Not available.
Vapor pressure:	Not available.
Vapor density (air = 1):	Not available.
Density:	9.1 lbs/gal
Solubility(ies) in water:	Not available.
Partition coefficient, n-octanol/water:	Not available.
Auto ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	< 7 mm ² /sec (Zahn Cup #1)
Explosive properties:	Not available.
Oxidizing properties:	Not available.
VOC Content:	240 - 250 g/L (ASTM D6886-14)

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under normal temperatures and pressures.
Chemical stability: Stable under normal temperatures and pressures.
Hazardous reactions: Flammable.
Conditions to avoid: Heat, flames, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 0°C (32°F).
Incompatible materials: Oxidizing agents. Strong acids and alkalis.
Hazardous Polymerization: Not reported.
Hazardous decomposition products: None

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:

Inhalation, dermal, and skin and eye contact.

Symptoms related to the physical, chemical and toxicological characteristics:

Immediate contact with eyes and skin may cause irritation and redness. Repeated contact with skin may cause allergic rashes.

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Immediate effects include eye and skin irritation and redness; repeated contact with skin may cause allergic reactions. No known delayed or chronic effects.

Acute toxicity:

Dimethyl Carbonate Oral LD₅₀ >5000 mg/kg (rats); Dermal LD₅₀ > 2000 mg/kg (rabbits); Inhalation LC₅₀(4h) >5.36 mg/L (rats).
Propylene Carbonate Oral LD₅₀ >5000 mg/kg (rats); Dermal LD₅₀ > 2000 mg/kg (rabbits). No data on inhalation route.
3-Iodo-2-propynyl butyl carbamate Oral LD₅₀ >11000 mg/kg (rats); Dermal LD₅₀ > 2000 mg/kg (rabbits); No data on inhalation route.

Skin corrosion/irritation:

Dimethyl Carbonate Not irritating to the skin.
Propylene Carbonate Causes slight skin irritation.
3-Iodo-2-propynyl butyl carbamate Causes slight skin irritation.

Serious eye damage/irritation:

Dimethyl Carbonate Not irritating to the eye.
Propylene Carbonate Causes moderate eye irritation.
3-Iodo-2-propynyl butyl carbamate Causes serious eye damage.

Respiratory or Skin sensitization:

Dimethyl Carbonate Not a skin sensitizer. No data on respiratory sensitization.
Propylene Carbonate Not a skin sensitizer. No data on respiratory sensitization.
3-Iodo-2-propynyl butyl carbamate Causes skin sensitization. No data on respiratory sensitization.

None of the hazardous chemicals are listed by the National Toxicology Program (NTP) Report on Carcinogens (latest edition), International Agency for Research on Cancer (IARC) Monographs, or by OSHA.

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SECTION 12: ECOLOGICAL INFORMATION

Acute or chronic toxicity to aquatic organisms:

Dimethyl Carbonate

Fish: *Lepomis macrochirus*: LC₅₀(96h) = 30.9 ppm
Invertebrates: *Daphnia magna*: EC₅₀(48h) > 112 < 150 ppm (v/v); NOEC(48h) = 84 ppm (v/v)
Algae: *Pseudokirchneriella subcapitata*: EC₅₀(72h) >85 mg/L; NOEC(72h) = 36 mg/L; LOEC(72h) = 85 mg/L
Microorganisms: No data available.

Propylene Carbonate

Fish: *Cyprinus carpio*: LC₅₀(96h) > 1,000 mg/L; NOEC = 1,000 mg/L; LOEC > 1,000 mg/L
Invertebrates: *Daphnia magna*: EC₅₀(48h) = 1,000 mg/L; NOEC(48h) = 1,000 mg/L; LOEC(48h) > 1,000 mg/L
Algae: *Desmodesmus subspicatus*: EC₅₀(72h) > 900 mg/L; NOEC(72h) > 900 mg/L
Microorganisms: *Pseudomonas putida*: EC₅₀(16h) = 25,619 mg/L

3-Iodo-2-propynyl butyl carbamate

Fish: *Pimephales promelas*: LC₅₀(96h) = 0.2 µg /L
Invertebrates: *Daphnia magna*: LC₅₀(48h) = 0.04 mg/L
Algae: *Selenastrum capricornutum*: EC₅₀(120h) > 0.1 mg/L.
Microorganisms: No data available.

Persistence and degradability:

No data available for this product.

Bioconcentration factor (BCF):

No data available for this product.

Results of PBT and vPvB assessment:

No data available for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

SECTION 14: TRANSPORTATION INFORMATION

US DOT:

UN proper shipping name: Paint
UN number: UN1263
Transport hazard class: 3
Packing group: III

SECTION 15: REGULATORY INFORMATION

TSCA:

All components in this product are listed on the TSCA Inventory or have applicable exemptions.

SARA 304 CERCLA Hazardous Substances:

None.

Section 313 Toxic Chemicals:

3-Iodo-2-propynyl butyl carbamate - Listed

SECTION 16: OTHER INFORMATION

Reason for Issue: Initial SDS for new product.

SDS preparation information:

Date of Preparation: February 23, 2018
Date of Last Revision: N/A

Disclaimer:

This information is furnished without warranty, expressed or implied, except that it is accurate to the best of the preparer's knowledge. The data on this sheet are related only to the specific material designated herein. The preparer assumes no legal responsibility for use or reliance on these data.

OSHA HazCom 2012 Final Rule & Appendices are available at: <https://www.osha.gov/dsg/hazcom/ghs-final-rule.html>.