

Safety Data Sheet
29 CFR 1910.1200**Section 1: Company and Product Identification**

Product Name: ORTHO TERTIARY BUTYL CYCLO HEXYL ACETATE**Company:** THE JOHN D. WALSH CO., INC.
25 EXECUTIVE PKWY.
RINGWOOD, NJ 07456**Emergency Response:** 24 HOUR EMERGENCY NUMBER
CHEMTREC (800) 424-9300**Section 2: Hazards Identification**

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Hazard Pictograms:**Hazard Category:** Hazard to aquatic environment, chronic Cat 2**Hazard Statements:** H411: Toxic to aquatic life with long lasting effects**Precautionary Statements:**
P273: Avoid release to the environment
P391: Collect spillage
P501: Dispose of contents/container in accordance with local/national/international rules.**Section 3: Composition / Information on Ingredients**

| Substance (name) | CAS# | Weight % |
|------------------------------------|---------|----------|
| CIS-2-TERT-BUTYLCYCLOHEXYL ACETATE | 88-41-5 | 50-100 |

Section 4: First Aid Measures

General Info: ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. SHOW SDS TO DOCTOR IN ATTENDANCE**Notable Exposure symptoms:** Not expected to present a significant hazard under anticipated conditions of normal use**If ingested:** If victim is conscious rinse mouth, with water. Seek immediate medical attention. Do not induce vomiting. If vomiting occurs, the head should be kept low so that the vomit doesn't enter the lungs

If inhaled: If having difficulty breathing, remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop. Oxygen may be necessary.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

Skin contact: Take off immediately all contaminated clothing. Rinse with soap and water thoroughly. Get medical advice if irritation develops or persists.

Additional Info: Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

Section 5: Fire Fighting Measures

General Info: Product contains flammable solvents. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breath fumes.

Extinguishing Method / Equipment: Carbon dioxide (CO₂), dry chemical, or alcohol resistant foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

Hazardous Decomposition Info: Fire may produce irritating, corrosive and/or toxic gases

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Containment Equipment and Procedures: Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles. Clean surfaces thoroughly to remove residual contamination.

Cleanup Procedures: Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

Section 7: Handling and Storage

Safe Handling Precautions: Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

Recommendations for Storage: Store in cool area in product container away from sources of ignition or flame. NEVER: Store in extreme temperatures and avoid storing in direct sunlight.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls: Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities must be available when handling this product.

Work Clothing: Protective work clothing which covers skin and prevents exposures.

Eye/face protection: Wear safety goggles or face shield.

Skin Protection: Wear solvent resistant gloves.

Respiratory Protection: Chemical respirator with organic vapor cartridge and full face plate.

Additional Information: Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product.

Section 9: Physical and Chemical Properties

| | | |
|---|---|--|
| State: Solid | Melting Point: 29.8C @ 1.013 hPa | Freezing Point: Not avail |
| Color: Colorless | Boiling point: 232C @1.013 | Odor: Conforms to standard |
| Relative Density: 0.9390-0.9450 | | Water Solubility: Insoluble |
| Molecular Formula: Not avail | Flash Point: Not avail | Part. Coeff (n- log Pow: 4.75 @ 25C octanol/water |
| Upper Flam Limits: Not avail | Lower Flam Limits: Not avail | Vapor Pressure: Not avail |
| VOC Content (lbs/gal): Not avail | Viscosity: Not avail | Autoignition Temp: 295C |

Section 10: Stability and Reactivity

General: This product is stable and non-reactive under normal conditions of use. Solvent vapors will evaporate from exposed material. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources.

Incompatible materials: Avoid contact with strong acids, alkali or oxidizing agents.

Decomposition products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

Section 11: Toxicological Information

Likely Routes of Exposure: Not Classified

Toxicological Information (contained substances)

| Substance | LD50 Oral | LD50 Dermal |
|------------------------------------|-------------------|-----------------------|
| CIS-2-TERT-BUTYLCYCLOHEXYL ACETATE | 4.600 mg/kg (Rat) | >5.000 mg/kg (Rabbit) |

Carcinogenicity or mutagenicity: NOT CLASSIFIED

Sensitization: NOT CLASSIFIED

Section 12: Ecological Information

Aquatic toxicity: Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected

Degradation / Mobility info: No specific data available.

Bioaccumulative potential: No specific data available.

Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor. Contains low levels of flammable solvents.

Container disposal: Treat empty containers with extra care, as residual solvents may pose ignition hazard. Consult waste contractor.

Section 14: Transport Information

DOT GROUND NON UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(CIS-2-TERT-BULK: BUTYLCYCLOHEXYL ACETATE), 9, III

IMO/IMDG: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(CIS-2-TERT-BUTYLCYCLOHEXYL ACETATE), 9, III, MARINE POLLUTANT

IATA: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(CIS-2-TERT-BUTYLCYCLOHEXYL ACETATE), 9, III

Section 15: Regulatory Information

TSCA: NOT LISTED

Section 16: Other Information

Version Date: 5/18/2020

Disclaimer: The information in this MSDS was obtained from current and reliable sources. However the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or, expense resulting from improper use of this product