

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

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

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**Hazard Pictograms:****Signal Word:** Warning**Hazard Category:** Acute tox, oral Cat 5**Hazard Statements:** H303: May be harmful if swallowed**Precautionary**

P264: Wash thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P501: Dispose of contents/container in accordance with local/national/international rules.

**Section 3: Composition / Information on Ingredients**

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SUBSTANCE	CAS#	Weight %
2,4,6 - TRIMETHYL -4-PHENYL-1,3-DIOXANE	5182-36-5	>97

**Section 4: First Aid Measures**

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**If ingested:** If conscious rinse mouth with plenty of water. DO NOT: Induce vomiting. Seek immediate medical attention.**If inhaled:** Remove to fresh air and allow to rest. Obtain medical attention if asthma-like symptoms or other symptoms develop.**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 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**

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**Extinguishing** Foam, (CO2), Dry extinguishing powder. Firefighters should wear self-contained breathing apparatus  
**Method / Equipment:** (SCBA) and full protective equipment. LARGE FIRES: Use alcohol resistant foam or water spray. DO NOT  
USE: A heavy stream of water as this may spread the fire.  
**Hazardous** Constituents associated with burning / combustion are to be considered toxic. DO NOT INHALE:  
**Decomposition Info:** Explosion and combustion gases.

## Section 6: Accidental Release Measures

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**Personal precautions,** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition  
**protective equipment** sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate  
**and procedures:** 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** Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where  
**Equipment and** this is possible. Utilize absorbent clay or sand to contain and stop spreading material.  
**Procedures:**

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles.

**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

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**Safe Handling** Do not handle until all safety precautions have been read and understood. Do not handle near an open  
**Precautions:** 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. Avoid storing in direct sunlight and in extreme  
temperatures.

**Recommendations** Store in cool area in product container away from sources of ignition or flame.  
**for Storage:**

**Incompatibilities:** Store away from strong acids or oxidizing agents. Refer to Section 10.

## Section 8: Exposure Control / Personal Protection

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

**Controls:**

**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** Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation  
**Protection:** is inadequate.

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

## Section 9: Physical and Chemical Properties

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<b>State:</b> Liquid	<b>Melting Point:</b> Not avail	<b>Freezing Point:</b> Not avail
<b>Color:</b> Colourless	<b>Boiling Point/Range:</b> 279.16C	<b>pH</b> Not avail
<b>Relative Density:</b> 1.017	<b>Odor:</b> Herbal, fresh, floral, green	<b>Water Solubility:</b> Insoluble
<b>Molecular Weight:</b> 206.85	<b>Flash Point:</b> 114C	<b>Part. Coeff (n-Log Kow = 3.11 (Calculated) octanol/water</b>
<b>Refractive Index:</b> 1.502-1.518	<b>Lower Flam Limits:</b> Not avail	<b>Vapor Pressure:</b> .00161 mm Hg @20C

## Section 10: Stability and Reactivity

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**General:** The product is stable and non-reactive under normal conditions of use, storage and transport. Material is stable under normal conditions. No dangerous reaction known under normal conditions of use

**Incompatible materials:** Strong oxidizing agents, strong acids, and strong bases.

**Decomposition products:** None under normal use.

## Section 11: Toxicological Information

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**Likely Routes of Exposure:** Inhalation of vapors, dermal

### Toxicological Information (contained substances)

Substance (name)	LD50 Oral	LD50 Dermal
FLOROPAL	1215mg/kg (Rat)	>2000 mg/kg (rabbit)

**Carcinogenicity or mutagenicity:** Not considered to be a carcinogen

**Sensitization:** Product is not expected to be a sensitizer.

## Section 12: Ecological Information

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**Aquatic toxicity:** No data available

**Degradation / Mobility info:** No data available

**Bioaccumulative potential:** No data available

## Section 13: Disposal Information

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**Product disposal:** Disposal should be in accordance with applicable regional, national, and local laws and regulations

**Container disposal:** Do not reuse container

#### Section 14: Transport Information

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DOT GROUND NON NOT REGULATED

BULK:

IATA: NOT REGULATED

IMO/IMDG: NOT REGULATED

#### Section 15: Regulatory Information

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TSCA: NOT LISTED

SARA 311/312: NOT LISTED

SARA 313 NOT LISTED

California Prop 65 NOT LISTED

Substances:

Canadian DSL: NOT LISTED

#### Section 16: Other Information

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*Disclaimer: The information in this SDS 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*