



MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

O'B FLOC NS-675

Zinkan Enterprises, Inc.

1919 Case Parkway North

Twinsburg, Ohio 44087

Tel: 1-800-229-6801 Fax: 1-330-425-8202

Emergency Contact: Infotrac 1-800-535-5053

2. Composition/ Information On Ingredients

| Components | CAS Number | OSHA/PEL | ACGIH/TLV | Weight |
|------------|------------|----------|-----------|--------|
|------------|------------|----------|-----------|--------|

3. Hazards Identification

Anionic polymer in solution.

4. First Aid Measures

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| Inhalation: | Move to fresh air. |
| Skin Contact: | Wash off immediately with soap and plenty of water Remove contaminated clothing |
| Eye Contact: | Rinse thoroughly with plenty of water. In case of persistent eye irritation, consult a physician |
| Ingestion: | The product is not considered toxic based on studies on laboratory animals |

5. Fire-Fighting Measures

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| Suitable extinguishing media: | Base selection on source of fire. |
| Special fire-fighting precautions: | Spills produce surfaces that are extremely slippery |
| Protective equipment for firefighters: | Self-contained breathing apparatus and protective clothing |

6. Accidental Release Measures

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| Personal precautions: | No special precautions required. |
| Environmental precautions: | Do not contaminate water. |
| Methods for cleaning up: | Soak up with inert absorbent material. If large quantities have been spilled, clean with scoop or vacuum. After cleaning, flush traces away with water. |

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7. Handling and Storage

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| Handling: | Avoid contact with skin and eyes. Ensure there is adequate ventilation. Do not smoke. Wash hands before breaks and at end of workday. |
| Storage: | Keep container closed when not in use. Make sure there is adequate ventilation. Keep in cool dry place. |

8. Exposure Controls/ Personal Protection

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| Engineering controls: | Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mist. |
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Personal Protection Equipment

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|--------------------------------|---|
| Respiratory Protection: | No personal respiratory protective equipment is normally required. |
| Hand Protection: | Rubber gloves. |
| Eye Protection: | Safety glasses with side-shields. Do not wear contact lenses. |
| Skin Protection: | Chemical resistant apron or suit if splashing of solution is likely. |
| Hygiene Measures: | Wash hands before breaks and immediately after handling product. Handle in accordance with good industrial hygiene and safety practice. |

9. Physical and Chemical Properties

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|---------------------------------------|--------------------------------|
| Form: | Liquid |
| Color: | Colorless to slight blue green |
| Odor: | No odor. |
| pH: | 3.5 - 8 for product series |
| Melting Point (°C): | Not applicable. |
| Flash Point (°C): | Not applicable |
| Autoignition Temperature (°C): | Not applicable |
| Vapor Pressure (mm Hg): | Not applicable. |
| Water Solubility: | See Technical Bulletin |

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| 10. Stability and Reactivity | |
| Stability: | Product is stable, no hazardous polymerization will occur Oxidizing agents may cause exothermic reactions. |
| Hazardous Decomposition products: | Thermal decomposition may produce: carbon oxides (COx), nitrogen oxides (NOx) |
| 11. Toxicological Information | |
| <u>Acute Toxicity</u> | |
| Oral: | LD50/oral/rat > 5000 mg/kg |
| Dermal: | The results of testing on rabbits showed this material to be non-toxic even at high dose levels |
| Inhalation: | This product is not expected to be toxic by inhalation |
| <u>Irritation</u> | |
| Skin: | The results of testing on rabbits showed material to be non-irritating to the skin |
| Eyes: | May cause eye irritation with susceptible persons |
| Sensitization: | The results of testing on guinea pigs showed this product to be non-sensitizing |
| Chronic Toxicity: | Two-year feeding study on rats and dogs revealed no adverse health effects. One year study on dogs revealed no adverse health effects. |
| 12. Ecological Information | |
| Fish: | LC50/Danio rerio/96 hr > 100 mg/L (OECD 203) (Based on results obtained from tests of analogous products) |
| Algae: | IC50/Scenedesmus subspicatus/72hr > 100 mg/L (OECD 202) (Based on results obtained from tests of analogous products) |
| Daphnia: | EC50 /Daphnia magna/48 hr > 100 mg/L (OECD 201) (Based on results obtained from tests of analogous products) |
| Bioaccumulation: | Does not bioaccumulate |
| Persistence/ Degradability: | Not readily biodegradable |
| 13. Disposal Considerations | |
| Waste from residues/ Unused products: | In accordance with federal, state and local regulations. |
| Contaminated Packaging: | Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local regulations |
| 14. Transport Information | |
| | Not regulated by DOT, IATA, IMDG. Cleaning compound Liquid NMFC: 48580.03 |

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15. Regulatory Information

All components of this product are on the TSCA and DSL inventories.

WHMIS (CANADA): Not Regulated.

RCRA status: Not a hazardous waste

Hazardous waste number: Not applicable

Reportable quantity (40 CFR 302): Not applicable.

Threshold planning quantity (40 CFR 355): Not applicable

California Proposition 65 information: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains a chemical(s) known Reportable quantity (40 CFR 302) : to the State of California to cause cancer : residual Acrylamide

| HMIS & NFPA Ratings | HMIS | NFPA |
|----------------------|------|------|
| Health: | 1 | 1 |
| Flammability: | 0 | 1 |
| Reactivity: | 0 | 0 |
| Personal Protection: | E | |

16. Other Information

Person to contact: Regulatory Affairs Manager

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.