Wax Off™

1. Identification

Product Name: Wax Off™
Item #: WF1000, WF1030
Synonyms: N/A
Recommended Use: N/A
Restrictions on Use: N/A
Manufacturer:
Cancer Diagnostics, Inc.
4300 Emperor Blvd. #400
Durham, NC 27703
1-877-846-5393

In Case of Emergency:
Chemtrec US 1-800-424-9300
Chemtrec International 703-527-3887

2. Hazards Identification

OSHA Hazard Classification(s):
Skin Irritation - Category 2
Eye Irritation - Category 2B
Toxic to Reproduction - Category 1B
Specific Target Organ Toxicity (repeated exposure) - Category 2
Aspiration Hazard - Category 1
Flammable Liquids - Category 4

Signal Word: Danger

Hazard Statement(s): Causes skin irritation. Causes eye irritation. May damage fertility or the unborn child. May cause damage to organs (cardiovascular system, central nervous system) through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Combustible liquid.

Pictogram(s):



Precautionary Statement(s): Prevention: Wash body thoroughly after handling. Wear protective gloves. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection and face protection. Do not breathe dust, vapors. Keep away from heat sources and open flame. No smoking. Wear protective gloves, eye protection, face protection.

Response: If on skin: Wash with plenty of water. Specific treatment (see first aid section on this label). If skin irritation or rash occurs: Get medical attention. Take off all contaminated clothing and wash it before reuse. 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 attention. If exposed or concerned: Get medical attention. Call a doctor if you feel unwell. If swallowed: Immediately call a doctor. Rinse Mouth. Do NOT induce vomiting. In case of fire: Use water, dry chemical, CO2 or foam to extinguish.

Storage: Store locked up. Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local regulations.

Descriptions of Hazards not otherwise classified: N/A
Percent of mixture with unknown acute toxicity: N/A

3. Composition and Information on Ingredients

Chemical Name	Common Name	CAS #	Concentration %
Methyl Salicylate		119-36-8	Trade Secret
Mineral Oil Light		8012-95-1	Trade Secret
VM+P Naphtha		8030-30-6	Trade Secret

4. First Aid Measures

Eye Contact: 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.

Skin Contact: If on skin (or hair): Take off immediately all contaminated clothing and wash before reuse. Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Preexisting skin disorders may be aggravated by exposure to this product.

Inhalation: Remove to fresh air; give artificial respiration if breathing has stopped. Get medical advice/attention if you feel unwell. Preexisting respiratory disorders may be aggravated by exposure to this product.

Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

Symptoms: Irritation eyes, nose, throat; headache, dizziness. Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness and death may occur. Aspiration pneumonia may be evidenced by coughing, labored breathing an cyanosis (bluish skin). In severe cases death may result.

Recommendations for immediate medical care/special treatment: Get medical advice/attention if you feel unwell. If more than 2.0mL per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration.

5. Fire- Fighting Measures

Extinguishing Media: Dry chemical, carbon dioxide, alcohol foam, water.

Fire Hazards (Chemical): Combustible Liquid. Approximate Flash Point 87ºC

Special Protective Equipment: Fire fighters should use self-contained breathing apparatus and protective clothing.

Precautions for Firefighters: Carbon monoxide and unidentified organic compounds may be formed during combustion.

6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.

Protective Equipment: See section 8

Environmental Precautions: Prevent release to the environment by using barriers.

Containment and Clean-Up Procedures: Use barriers to prevent spreading. Collect spill in container. Call waste authorities.

7. Handling and Storage

Handling: Do not breathe vapors. Do not eat, drink or smoke when using this product. Keep away from sources of heat and ignition.

Storage: Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed when not in use.

8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs):

Reagent	CAS #	OSHA PEL TWA
N/A		

ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
N/A			

Engineering Controls: Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

Personal Protective Measures: Wear gloves, lab coat, eye protection and impervious footwear. Contact lenses should not be worn when working with this material.

Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: Colorless, Liquid

Molecular Weight: N/A

Molecular Formula: N/A
pH: N/A
Boiling Point and Boiling Range: N/A
Melting Point/Freezing Point: N/A
Flash Point: N/A
Specific Gravity/Relative Density: 0.80-0.81
Odor: Wintergreen odor
Odor Threshold: N/A
Color: Colorless
Flammability (solid/gas): N/A
Vapor Density: N/A
Upper/Lower flammability or explosive limits: N/A
Vapor Pressure: N/A
Evaporation Rate: N/A
Partition Coefficient: n-octanol/water: N/A
Viscosity: N/A
Auto-ignition temperature: N/A
Solubility: Insoluble in water
Decomposition Temperature: N/A

10. Stability and Reactivity

Reactivity:
Chemical Stability: Stable
Conditions of Stability/Instability: N/A
Stabilizers needed: None
Safety issue indicated by appearance change: N/A
Other: N/A
Hazardous Reactions: N/A
Hazardous Polymerization: Does not occur
Conditions to avoid: N/A
Classes of Incompatible Materials: Oxidizers, Strong Acids, Strong Bases
Hazardous Decomposition Products: Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (I.e. Carbon monoxide) may be released in a fire.

11. Toxicological Information

Likely Routes of Exposure

Eyes: Liquid is moderately irritation to the eyes. High vapor concentrations may also be irritating.

Skin: Liquid is mildly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Inhalation: Vapors may be irritating to the nose, throat and respiratory tract. High vapor concentrations may cause central nervous system (CNS) depression, dizziness, headache.

Ingestion: Liquid is moderately toxic and may be harmful if swallowed; may produce CNS depression. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumontis.

Signs or Symptoms of Exposure: Nausea. See symptoms listed above.
Effects from short term exposure (delayed, immediate, chronic): Irritation to the eyes, nose, throat; headache, dizziness, nausea.
Acute Toxicity (Numerical Measures): VM+P Naphtha: LD50 2000mg/kg (oral, rat) ; LD50 2000mg/kg (dermal, rabbit) ; LC50 5000 ppm/1h (Inhalation, rat)

Mineral Oil: LD50(oral,rat)=>5000 mg/kg
Methyl Salicylate: LD50(oral,guinea pig)=700 mg/kg, LD50(oral,rat)=887 mg/kg
Carcinogenicity (NTP, IARC, OSHA): Not known to cause cancer.

12. Ecological Information

Ecotoxicity: VM+P Naphtha Ecotoxicity:
Acute Toxicity:
Fish: Expected to be toxic: LC/EC/IC50 greater than or equal to 10 mg/l
Aquatic Invertebrates: Expected to be toxic: LC/EC/IC50 greater than or equal to 10 mg/l
Algae: Expected to be toxic: LC/EC/IC50 greater than or equal to 10 mg/l
Microorganisms: Expected to be toxic: LC/EC/IC50 greater than or equal to 10 mg/l
Persistence and degradability: N/A
Bioaccumulation Potential (octanol-water partition coefficient, BCF): N/A
Mobility in the soil: N/A
Adverse Environmental Effects: Expected to be toxic and harmful to aquatic life.

13. Disposal Considerations

Recommended Disposal Containers: Check with your local waste authorities*
Recommended Disposal Methods: Do not dispose of in drains, check with your local waste authorities.*
Physical/Chemical Properties affecting Disposal: See section 2 and section 9 applicable information.*
Special Precautions for Landfill and Incineration Activities: Check with your local waste authorities.*
Waste Stream: Consult your local or regional authorities.*

14. Transport Information

UN Number: UN1268
UN Proper Shipping Name: Petroleum distillates, n.o.s. (Petroleum Naphtha)
Transport Hazard Class(es): 3
Packing Group Number: II
Environmental Hazards (IMDG code):
Marine Pollutant: No
Transport in Bulk (IBC Code): N/A
Special Transport Precautions: N/A

15. Regulatory Information

OSHA:
DOT:
EPA:
CPSC:

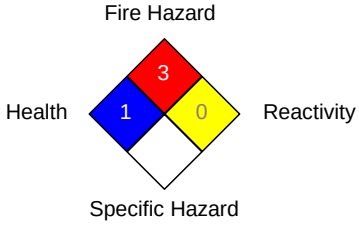
16. Other Information

Revision Date: 08/11/2015

NFPA

Health	1
Fire Hazard	3
Reactivity	0
Specific Hazard	

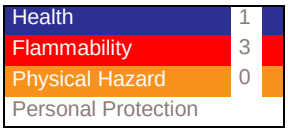
National Fire Protection Association (USA) NFPA



HMIS

Health	1
Flammability	3
Physical Hazard	0
Personal Protection	

Hazardous Material Information System HMIS



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