



SOVEREIGN CHEMICAL COMPANY

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Material Safety Data Sheet

IGI Waxes

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Manufacturer: The International Group, Inc. 85 Old Eagle School Road Wayne, PA 19087	Emergency Contact: Chemtrec: 1-800-424-9300 (continental USA) (1)703-527-3887 (outside continental USA) IGI Phone: 800-852-6537 IGI Fax: 610-654-8548
Trade Name(s): IGI, Nochek, Microsere, Tacwax and Parafflex	MSDS Number: 1804
Chemical Name: N/A	Synonyms: Paraffin Wax, Petroleum Wax, Microcrystalline/Paraffin Wax and Petroleum Hydrocarbon
Prepared By: Sovereign Chemical Company	Date of Issue: July 13, 2010 Revision Number: 2 (Supercedes: September 19, 2006) Change(s): Periodic review. Change Flash Point to minimum range for ASTM. Include full range for Appearance. Update Melt Point to minimum for all grades.

2. INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>Percent</u>	<u>NIOSH</u> <u>(TWA)</u>	<u>OSHA</u> <u>(REF)</u>
Paraffin wax	8002-74-2	100	2 mg/m ³ (fume, 8 hour)	10 mg/m ³ (fume, 6 min)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White to dark amber or to light gray or tan waxy pellets, prills or slabs. Practically odorless. Will burn in a fire.

NFPA Hazard Ratings: Fire: 1 Health: 0 Reactivity: 0 Specific Hazard: none

NFPA Hazard Ratings Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

HMIS ®III Rating: Health: 0 Flammability: 1 Physical Hazard: 0 PPI: none

Potential Health Effects:

Eye: May be considered a nuisance dust causing irritation or mechanical abrasion. Molten materials will produce thermal burns.

Skin Contact: Molten materials will produce thermal burns.

Ingestion: No known effects. Non-toxic.

Inhalation: No known effects in its normal solid state at low concentrations. At high concentrations it has a nuisance effect. Under high temperatures fume concentrations should be less than 2 mg/m³.

Chronic & Carcinogenicity: The product is not known to have any chronic effects. The product is not known to be carcinogenic. No long term chronic effects are known.

4. FIRST AID MEASURES

Skin: If burned by contact with molten material cool as quickly as possible with water and see a physician for treatment of burn.

Eye: Flush with large amounts of water. If irritation persists, call a physician.

Ingestion: Call a physician.

Inhalation: Remove to fresh air.

5. FIRE FIGHTING MEASURES

Flash Point: > 175°C (ASTM D92) **LEL:** NA **UEL:** NA **Auto Ignition Temperature:** NA

Requires exposure to high temperature and naked flame to burn. Use dry chemical, regular foam, or carbon dioxide to extinguish fires. Do not use water to extinguish fires. Treat as a petroleum oil fire. A self contained breathing apparatus (SCBA) operating in the positive pressure mode and full fire fighting protective clothing should be worn for combating fires. Carbon monoxide form during a fire. Dense smoke may be generated if product burns.

6. ACCIDENTAL RELEASE MEASURES

Allow any molten product to solidify, scrape up and treat as solid combustible material. Take up any spilled solid product by mechanical means (avoid dust formation) and place into sealed containers for proper disposal. Do not allow product to enter sewage or ground water. Dispose of waste materials including empty product bags or drums in accordance with Local, State and Federal regulations. This product is a non-hazardous waste when spilled or disposed of as defined in Resource Conservation Recovery Act (RCRA) regulations (40 CFR 261).

7. HANDLING AND STORAGE

Do not store at high temperatures. Store in dry conditions, away from boilers and hot pipes. Good housekeeping and engineering practices should be employed to prevent the generation and accumulation of dusts.

8. EXPOSURE CONTROL - PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation should be provided. Design details for local exhaust ventilation systems may be found in the latest edition of "Industrial Ventilation: A Manual of Recommended Practices" published by the ACGIH and available at their web site, <http://www.acgih.org>. The need for local exhaust ventilation should be evaluated by a professional industrial hygienist. Local exhaust ventilation systems should be designed by a professional engineer.

Respiratory Protection: If concentration is likely to exceed the exposure limits in section 2 a suitable organic vapor mask should be used.

Eye Protection: Chemical protective goggles are recommended where there is a possibility of eye contact with the product. Safety glasses with side shields are recommended for all other operations.

Protection Gloves: Impervious gloves recommended.

Other Protection Items: Protective overalls recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State: White to dark amber, or to light gray or tan waxy pellets, prills or slabs	Melt Point: > 37°C
Vapor Density (Air = 1): NA	Octanol/Water Partition Coefficient: NA
Vapor Pressure: NA	Evaporation Rate BuOAC = 1: NA
Odor: Mild waxy odor	Specific Gravity or Bulk Density: 0.90-0.95 at 25°C
% Volatile by Volume: NA	Boiling Point: NA
% Solubility (H₂O): Insoluble	pH: NA

10. STABILITY AND REACTIVITY

Stability /Polymerization: Stable. Hazardous polymerization will not occur.

Incompatibility (conditions to avoid): Water, Strong oxidizing agents such as peroxides or chlorine.

Hazardous Decomposition Products: Carbon monoxide or carbon dioxide.

Special Sensitivity: None that are known.

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients: None

Immediate and Delayed Health Effects: None expected

Acute Effects (short term) and Chronic Effects (long term): None expected

12. ECOLOGICAL INFORMATION

Environmentally dangerous ingredients:	None
Mobility:	Solid
Persistence and degradability:	Very slow biodegradation
Bioaccumulative potential:	Not available
Aquatic toxicity:	Not available
Marine pollutant (IMDG guide):	No

13. DISPOSAL CONSIDERATIONS

Disposal of waste materials:	Treat as solid, combustible material
Disposal of waste containers:	Normal industrial waste
Disposal restrictions:	Compliance with local, state, and federal laws and regulations
Statutory notification required	See above

14. TRANSPORTATION INFORMATION

D.O.T. Classification:	Not regulated
UN Number:	None
UN Packaging Group:	None
IMDG Classification:	Not applicable
Special precautions Re carriage:	None required
Symbol:	Not applicable

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard 29 CFR 1910.1200: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as notes in Section 2.

Canadian WHMIS: Complies

Canadian Environmental Protection Act: On the Domestic Substances List (DSL)

SARA Title III: Section 302 Extremely Hazardous Substance: None

Section 311/312 Hazard Categories: Non-hazardous under Section 311/312

Section 313 Toxic Chemicals: None

RCRA: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

NTP, IARC: Not listed.

CERCLA: No planning or reportable quantities.

TSCA: On the TSCA Inventory.

EINECS: On the European Inventory of Existing Commercial Chemical Substances.

State Regulations: There are no know additional requirements necessary for compliance with state Right-To-Know regulations.

16. OTHER INFORMATION

NE = Not Established

NA = Not Applicable

ND = Not Determined

IMPORTANT SAFETY NOTICE: The information in the Material Safety Data Sheet relates only to the specific material(s) described herein and does not relate to use in combination with any other material or substance or in any process. We believe that the information contained herein is current as of the date of issue of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of this product are not within the control of Sovereign Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.

Users of this product should study this Material Safety Data Sheet and become aware of the product hazards and safety information before using the product. Users should also notify their employees, agents, and contractors of the information on this Material Safety Data Sheet and any product hazards and safety information in order to provide safe use of this product.