

IGI Wax (Series 4500 – 4600)

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Manufacturer The International Group Inc. 50 Salome Dr. Toronto, ON M1S2A8, CA	Emergency Contact Chemtrec: 1-800-424-9300 (USA) (1)330-542-8400 (outside USA)
Trade Name(s): IGI, Nochek	Chemical Name: Paraffin/Microcrystalline Wax Blend
Relevant identified uses of the substance or mixture: Various end uses e.g. pharmaceutical, personal care/cosmetics, food contact coatings, additive for wax blends, use in adhesives etc.	Uses advised against: No further relevant information available.
Issued By: Sovereign Chemical Company (Distributor) 4040 Embassy Parkway, Suite 190 Akron, Ohio 44333	Date of Issue: April 1, 2026

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Information in accordance with US 29 CFR 1910.1200 (Hazcom 2012), Regulation (EC) No 1272/2008, 1907/2006/EC (REACH), and GHS

Hazard Pictograms (CLP)	: No pictogram
Signal Word	: None
Hazard statements (CLP)	: No hazard statements
Precautionary statements (CLP)	: No precautionary statements
Other Hazard	: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No	EC No	Weight %	Classification
Paraffinic Hydrocarbons	Proprietary	Proprietary	≤95	N/A
Hydrocarbons	Proprietary	Proprietary	≤65	N/A
Mineral Oil	Mixture	Mixture	≤50	N/A

The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

All concentrations are in percentage by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. FIRST AID MEASURES

Description of first aid measures

First-aid measures general:	In all cases of doubt, or when symptoms persist, seek medical attention
First-aid measures after inhalation:	Solid: No specific first aid measures noted. If fumes from heated product are inhaled: Move to fresh air. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact:	Solid: No specific first aid measures noted. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water and see a physician for removal of adhering material and treatment of burn.
First-aid measures after eye contact:	Solid: No specific first aid measures noted. Exposure to fumes, vapors or smoke of overheated product can result in irritation of eyes. Direct contact of molten material will cause injury and burns. When handling molten products, eye shields must be worn at all times. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Should an accident occur, flush eyes with generous amounts of water for at least 15 minutes. Administer prompt first aid measures. Get medical attention if irritation develops and persists.
First-aid measures after ingestion:	Solid: No specific first aid measures noted. Not acutely toxic by ingestion. If material is ingested, do not induce vomiting. Contact with hot product may cause severe burns. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed

Symptoms effects:	Eye and skin contact: When heated, contact with molten product can cause injury and burns.
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Indication of any immediate medical attention and special treatment needed

General:	Provide general supportive measures and treat symptomatically. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance
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5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing agents: Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

General: By heating and fire, irritating vapors/gases may be formed. During fire, hazardous combustion products are released that may include Carbon oxides. Aldehydes. Ketones.

Advice for firefighters

General: Self-contained breathing apparatus and full protective clothing must be worn in case of fire. In case of fire and/or explosion do not breathe fumes. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Use water spray to cool unopened containers. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Cool containers are exposed to flames with water until well after the fire is out. No unusual fire or explosion hazards noted. Will burn if involved in a fire.

6. ACCIDENTAL RELEASE MEASURES*Personal precautions, protective equipment and emergency procedures*

General: Keep unnecessary personnel away. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Wear appropriate personal protective equipment. For personal protection, see section 8 of the SDS.

Environmental precautions

General: Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Methods and material for containment and cleaning up

General: Handle as a thermoplastic. With molten spills, allow the material to solidify and cool. Keep material out of sewers and watercourses by diking or impounding. Recover and place it into appropriate

containers for recycling or disposal, according to prevailing local, state and federal laws.

Large Spill: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Allow material to solidify and scrape up. Following product recovery, flush area with water.

Small spill: Where possible allow molten material to solidify naturally. Scrape up the spilled material. Clean surface thoroughly to remove residual contamination.

Reference to other sections

General: See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Protective measures: When kept in molten state, inert gas blanketing may be used to avoid material degradation. As a solid, avoid contamination by keeping it in closed containers. Do not handle until all safety precautions have been read and understood. Heat only in areas with appropriate exhaust ventilation. Do not breathe fume/mist/vapors. Avoid contact with molten material. When using, do not eat, drink or smoke. Wash hands after handling. Observe good industrial hygiene practices. Do not empty into drains. Avoid release to the environment. Wash contaminated clothing before reuse. The material is a solid at room temperature exhibiting elevated temperature softening characteristics. Above its softening point, the material liquefies and flows more readily as the temperature increases. The material may be used as a hot liquid for application purposes and requires caution in handling.

Conditions for safe storage, including any incompatibilities

Storage: Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS). When kept in molten state, inert gas blanketing may be used to avoid material degradation. As a solid, avoid contamination by keeping it in closed containers.

Specific end use(s)

General: Not applicable

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Control Parameters

Occupational exposure limits:

US OSHA Table z-1 PEL for Air Contaminants(29 CFR 1910.1000)			
Components	Type	Value	Form
Hydrocarbons	PEL	5 mg/m ³	Mist
US ACGUH Threshold Limit Values (TLV)			
Components	Type	Value	Form
Hydrocarbons	TWA	5 mg/m ³	Inhalable fraction
Paraffinic Hydrocarbons	TWA	2 mg/m ³	Fume
Mineral Oil	TWA	5 mg/m ³	Inhalable fraction
NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended			
Components	Type	Value	Form
Hydrocarbons	IDLH	2500 mg/m ³	
US. NIOSH: Pocket Guide to Chemical Hazards Material			
Components	Type	Value	Form
Hydrocarbons	STEL	10 mg/m ³	Mist
Hydrocarbons	TWA	5 mg/m ³	Mist
Paraffinic Hydrocarbons	TWA	2 mg/m ³	Fume

Exposure controls

Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas. Provide easy access to water supply and eye wash facilities.

General hygiene considerations: When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Eye/face protection: Wear approved safety goggles. Wear a face shield when working with molten material.

Hand protection: Wear appropriate chemical resistant gloves. Full contact: Glove material: PVC, neoprene, nitrile rubber. Use gloves with

breakthrough time of >480 minutes. Minimum glove thickness >0.35 mm.

Body protection: The material may be utilized in molten form. Proper protective splash resistant clothing, thermal gloves, splash resistant shoes, and eye shields must be worn to prevent injury. Use molten material in well-ventilated areas. When working in confined areas, use of appropriate respiratory gear is recommended.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

Thermal hazard: Wear appropriate thermal protective clothing, when necessary.

Environmental exposure controls: Avoid discharge into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form: Solid, slab, prills, pastilles, or granules	Melting Point/Range: $\geq 114.8 - \leq 203$ °F ($\geq 46 - \leq 95$ °C)
Color: White to dark amber	Boiling point/Range: > 572 °F (> 300 °C)
Odor: None	Vapor density: > 5 (Air = 1)
Odor threshold: Not applicable	pH value: Not applicable
Vapor Pressure: < 0.01 mm Hg (77 °F (25 °C))	Flash point: > 374 °F (> 190 °C)
Density: Property has not been measured	Flammability: Will support a flame above flash point
Relative Density: $\geq 0.9 - \leq 0.94$ (Water=1) (77 °F (25 °C))	Ignition temperature: Property has not been measured

Auto ignition temperature: Not applicable	Decomposition temperature: Property has not been measured
Solubility in / Miscibility with water: < 0.1 % (68 °F (20 °C))	Oxidizing properties: Property has not been measured
Partition coefficient (n-octanol/water): Not applicable	Evaporation rate: < 0.01 (Butyl acetate = 1)
Viscosity Dynamic: Not applicable Kinematic: Not applicable	Explosion limits Lower: 0.9% Upper: 7%

10. STABILITY AND REACTIVITY

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability

Material is stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.

Conditions to avoid

Avoid temperatures exceeding the flash point and contact with incompatible materials.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Decomposition of this product can generate carbon dioxide, carbon monoxide and other products such as aldehydes and ketones depending on conditions of oxidation.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Mineral Oil (CAS Proprietary)

Acute toxicity (dermal, rabbit):	LD50> 2000 mg/kg
Acute toxicity(inhalation, rat):	LC50> 5 mg/L
Acute toxicity(oral, rat):	LD50> 5000 mg/kg
Skin corrosion/irritation:	Not classified. Thermal burn hazard - contact with hot material may cause thermal burns.

Serious eye damage/irritation:	Not classified. Direct contact of molten product to the eyes will cause thermal burns and eye injury.
Respiratory or skin sensitization:	Not classified. This product is not expected to cause skin sensitization.
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classifiable as to carcinogenicity to humans.
Reproductive toxicity:	Not classified
STOT single exposure:	Not classified
STOT multiple exposure:	Not classified
Aspiration hazard:	Not likely, due to the form of the product.

12. ECOLOGICAL INFORMATION

Toxicity

General: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Acute toxicity: LL50(Crustacea) 100 mg/l

Acute toxicity: LL50(Fish) 10 mg/L

Persistence and degradability

Information: No data is available on the degradability of this substance.

Bioaccumulation potential

Information: No data available on bioaccumulation.

Mobility in soil

Information: The product is insoluble in water. Expected to have low mobility in soil.

Results of PBT and vPVB assessment

Information: No data available for this product

Other adverse effects

Information: No data available for this product

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Methods: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORTATION INFORMATION

UN-Number DOT, ADR, ADN, IMDG, IATA, RID	Not regulated as a dangerous good
UN proper shipping name DOT, ADR, ADN, IMDG, IATA, RID	Not applicable
Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA, RID	Not applicable
Packing group DOT, ADR, ADN, IMDG, IATA, RID	Not applicable
Environmental hazards Marine pollutant	Not applicable
Special precautions for user	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code UN "Model Regulation"	Not applicable
General information	This product is not regulated as dangerous goods for solid and molten product shipped under 212 °F/100 °C. Hot molten product shipped over 212 °F/100 °C requires a

class 9 “HOT” with statement: Elevated temperature material, liquid, N.O.S. 9, UN3257, III (WAX).

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance

SARA Section 355 (extremely hazardous substances)	Not listed
SARA Section 313 (Specific toxic chemical listings)	Not listed
TSCA (Toxic Substances Control Act)	Listed
Proposition 65 (California)	
Chemicals known to cause cancer	Not listed
Chemicals known to cause reproductive toxicity for females	Not listed
Chemicals known to cause reproductive toxicity for males	Not listed
Chemicals known to cause developmental toxicity	Not listed
Carcinogenic Categories	
IARC (International Agency for Research on Cancer)	Not listed
TLV (Threshold Limit Value established by ACGIH)	Not listed
NIOSH-Ca (National Institute for Occupational Safety and Health)	Not listed
OSHA-Ca (Occupational Safety & Health Administration)	Not listed
Canada	
Canadian Domestic Substances List (DSL)	Listed
Canadian Ingredient Disclosure list (limit 0.1%)	Not listed
Canadian Ingredient Disclosure list (limit 1%)	Not listed
REACH	
REACH Candidate List	Not listed
REACH XIV List	Not listed

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.