Safety Data Sheet

IGI Wax (Series 1000 – 2200)

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	Chemical Name: Paraffin Wax
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
Paraffin Wax	8002-74-2		100	None

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.

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

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents:	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO_2).

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 ACGUH Threshold Limit Values (TLV)	Type	Value	Form
Paraffin wax (CAS 8002-74-2)	TWA	2 mg/m^3	Fume
US. NIOSH: Pocket Guide to Chemical Hazards Material	**Type**	**Value**	**Form**
Paraffin wax (CAS 8002-74-2)	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: ≥ 99 - ≤ 212 °F (≥ 37.22 - ≤ 100 °C)
Color: White to light gray or tan	Boiling point/Range: > 572 °F (> 300 °C)
Odor: None to slight petroleum odor	Vapor density: > 5 (Air = 1)
Odor threshold: Property has not been measured	pH value: Not applicable
Vapor Pressure: < 0.01 mm Hg (77 °F (25 °C))	Flash point: > 347 °F (> 175 °C)
Density: Property has not been measured	Flammability: Will support a flame above flash point.
Relative Density: ≥ 0.9 - ≤ 0.93 (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
Keep away from heat, sparks and open flame. Avoid temperatures exceeding the flash point. 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

Acute toxicity:	Not expected to be acutely toxic.
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 a respiratory sensitizer.
Germ cell mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	Not classifiable as to carcinogenicity to humans.
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
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.

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 polluant	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 ℉/100 ℃. Hot molten product shipped over 212 ℉/100 ℃ 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)	Listed
NIOSH-Ca (National Institute for Occupational Safety and Health)	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.