# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **1000, 2200 Series Products (Accumelt®, Interflo®, Synertive®)**

**Other means of identification**

**CAS number** 8002-74-2

**Synonyms** See page 8

**Recommended use** Various end uses e.g. pharmaceutical excipient, personal care/cosmetics, food contact coatings, additive for wax blends, use in adhesives etc.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Company name** The International Group Inc.

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Canada

**Telephone** 416-293-4151

**Emergency telephone** +1-(800)-561-3509
CHEMTREC (North America) +1-(800)-424-9300

## 2. Hazard identification

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** The substance does not meet the criteria for classification.

**Precautionary statement**

**Prevention** Observe good industrial hygiene practices.

**Response** Wash hands after handling.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Supplemental information** None.

**Other hazards** None known.

## 3. Composition/information on ingredients

**Substances**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| Paraffin wax | See page 8 | 8002-74-2 | 100 |

**Composition comments** All concentrations are in percent by weight.

## 4. First-aid measures

**Inhalation** Solid: No specific first aid measures noted. If fumes from heated product are inhaled: Move to fresh air. Call a POISON CENTRE or doctor/physician if you feel unwell.

**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.

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|---|---|
| **Eye contact** | Solid: No specific first aid measures noted. Exposure to fumes, vapors or smoke of over heated product can result in irritation of eyes. Direct contact of molten material will cause injury and burns. When handling of molten product eye shield 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. |
| **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/effects, acute and delayed** | Eye and skin contact: When heated, contact with molten product can cause injury and burns. |
| **Indication of immediate medical attention and special treatment needed** | Provide general supportive measures and treat symptomatically. |
| **General information** | 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

| | |
|---|---|
| **Suitable extinguishing media** | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| **Unsuitable extinguishing media** | Do not use water jet as an extinguisher, as this will spread the fire. |
| **Specific hazards arising from the chemical** | By heating and fire, irritating vapours/gases may be formed. During fire, hazardous combustion products are released that may include: Carbon oxides. Aldehydes. Ketones. |
| **Special protective equipment and precautions for firefighters** | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| **Fire fighting equipment/instructions** | 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. Withdraw immediately in case of rising sound from venting safety device or any discolouration 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. |
| **Specific methods** | 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 exposed to flames with water until well after the fire is out. |
| **General fire hazards** | Will burn if involved in a fire. |

## 6. Accidental release measures

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|---|---|
| **Personal precautions, protective equipment and emergency procedures** | Do not breathe mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Wear appropriate personal protective equipment. Keep unnecessary personnel away. For personal protection, see section 8 of the SDS. |
| **Methods and materials for containment and cleaning up** | 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 into appropriate containers for recycling or disposal, according to prevailing local, regional and national laws.<br><br>Large Spills: Stop the flow of material, if this is without risk. Allow material to solidify, and scrape up. Following product recovery, flush area with water.<br><br>Small Spills: Where possible allow molten material to solidify naturally. Scrape up the spilled material. Clean surface thoroughly to remove residual contamination.<br><br>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. |
| **Environmental precautions** | 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. |

## 7. Handling and storage

**Precautions for safe handling**

Do not handle until all safety precautions have been read and understood. Heat only in areas with appropriate exhaust ventilation. When using, do not eat, drink or smoke. Avoid release to the environment. Do not empty into drains. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. When kept in molten state, inert gas blanketing may be used to avoid material degradation. As a solid, avoid contamination by keeping in closed containers. Do not breathe fume/mist/vapors. Avoid contact with molten material. Wash hands after handling. 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**

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in 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 in closed containers.

## 8. Exposure controls/personal protection

**Occupational exposure limits**

**US. ACGIH Threshold Limit Values (TLV)**

| Material | Type | Value | Form |
|---|---|---|---|
| Paraffin wax (CAS 8002-74-2) | TWA | 2 mg/m3 | Fume. |

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended**

| Material | Type | Value | Form |
|---|---|---|---|
| Paraffin wax (CAS 8002-74-2) | TWA | 2 mg/m3 | Fume. |

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

| Material | Type | Value | Form |
|---|---|---|---|
| Paraffin wax (CAS 8002-74-2) | TWA | 2 mg/m3 | Fume. |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended**

| Material | Type | Value | Form |
|---|---|---|---|
| Paraffin wax (CAS 8002-74-2) | TWA | 2 mg/m3 | Fume. |

**Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191)**

| Material | Type | Value | Form |
|---|---|---|---|
| Paraffin wax (CAS 8002-74-2) | TWA | 2 mg/m3 | Fume. |

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended**

| Material | Type | Value | Form |
|---|---|---|---|
| Paraffin wax (CAS 8002-74-2) | TWA | 2 mg/m3 | Fume. |

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

| Material | Type | Value | Form |
|---|---|---|---|
| Paraffin wax (CAS 8002-74-2) | TWA | 2 mg/m3 | Fume. |

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended**

| Material | Type | Value | Form |
|---|---|---|---|
| Paraffin wax (CAS 8002-74-2) | 15 minute | 4 mg/m3 | Fume. |

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended**

| Material | Type | Value | Form |
|---|---|---|---|
| | 8 hour | 2 mg/m3 | Fume. |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

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

**Individual protection measures, such as personal protective equipment**

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

**Skin protection**

**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.

**Other** Wear appropriate chemical resistant clothing. 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. Selection and use of respiratory protective equipment should be in accordance with CSA Standard Z94.4.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**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.

## 9. Physical and chemical properties

**Physical state** Solid.

**Form** Slabs, prills, pastilles or granules.

**Colour** White to light gray or tan.

**Odour** Petroleum. Low to no odour.

**Odour threshold** Property has not been measured.

**Melting point/freezing point** 37 - 100 °C (98.6 - 212 °F)

**Boiling point or initial boiling point and boiling range** 300 °C (572 °F)

**Flammability** Will burn if involved in a fire.

**Upper/lower flammability or explosive limits**

**Explosive limit - lower ( %)** 0.9 %

**Explosive limit – upper (%)** 7 %

**Flash point** > 175 °C (> 347 °F) ASTM D-92

**Auto-ignition temperature** Property has not been measured.

**Decomposition temperature** Property has not been measured.

**pH** Not applicable (material is insoluble in water).

**Kinematic viscosity** Not applicable (the material is a solid).

**Solubility**

**Solubility (water)** Insoluble

**Partition coefficient (n-octanol/water) (log value)** Not applicable (material is insoluble in water).

**Vapour pressure** < 0.01 mmHg (25 °C (77 °F))

**Density and/or relative density**

**Relative density** 0.9 - 0.93 (25 °C (77 °F))

| | |
|---|---|
| **Vapour density** | > 5 (Air = 1) |
| **Particle characteristics** | Property has not been measured. |

**Other information**

| | |
|---|---|
| **Evaporation rate** | < 0.01 (Butyl acetate = 1) |
| **Explosive properties** | Not explosive. |
| **Flash point class** | Property has not been measured. |
| **Oxidising properties** | Not oxidising. |
| **Percent volatile** | Negligible |
| **Viscosity** | Not applicable (the material is a solid). |

## 10. Stability and reactivity

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|---|---|
| **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 polymerisation 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 oxidising 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 likely routes of exposure**

| | |
|---|---|
| **Inhalation** | Not relevant at normal room temperatures. When heated, irritating vapours may be formed. Wax fumes have been reported to be irritating to the respiratory tract, especially to sensitized persons. |
| **Skin contact** | Health injuries are not known or expected under normal use. Molten material will produce thermal burns. |
| **Eye contact** | Health injuries are not known or expected under normal use. Molten material will produce thermal burns. |
| **Ingestion** | Health injuries are not known or expected under normal use. Contact with hot material can cause thermal burns which may result in permanent damage. |
| **Symptoms related to the physical, chemical and toxicological characteristics** | Eye and skin contact: Contact with molten material may cause thermal burns. |

**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/eye irritation** | Not classified. Direct contact of molten product to the eyes will cause thermal burns and eye injury. |

**Respiratory or skin sensitisation**

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|---|---|
| **Respiratory sensitisation** | Not a respiratory sensitiser. |
| **Skin sensitisation** | This product is not expected to cause skin sensitisation. |
| **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. |
| **Specific target organ toxicity - single exposure** | Not classified. |
| **Specific target organ toxicity - repeated exposure** | Not classified. |

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| **Aspiration hazard** | Not likely, due to the form of the product. |
| **Chronic effects** | Prolonged inhalation may be harmful. |
| **Further information** | Exposure to vapors, fumes, or smoke from molten material handled in confined areas can produce irritation of the respiratory tract, and possible physical discomfort to sensitive individuals. In rats, chronic ingestion of paraffins has shown accumulation in target organs (liver, spleen) with associated nonspecific immune response. |

## 12. Ecological information

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|---|---|
| **Ecotoxicity** | 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** | No data is available on the degradability of this product. |
| **Bioaccumulative potential** | No data available on bioaccumulation. |
| **Mobility in soil** | The product is insoluble in water. Expected to have low mobility in soil. |
| **Other adverse effects** | No data available for this product. |

## 13. Disposal considerations

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|---|---|
| **Disposal instructions** | 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. |
| **Local disposal regulations** | Dispose in accordance with all applicable regulations. |
| **Hazardous waste code** | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| **Waste from residues / unused products** | Dispose in accordance with local regulations. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. |
| **Contaminated packaging** | 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. Transport information

**TDG**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

| | |
|---|---|
| **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** | 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

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

**Canada Controlled Drugs and Substances Act, Schedule I**

Not regulated.

**Canada Controlled Drugs and Substances Act, Schedule II**

Not regulated.

**Canada Controlled Drugs and Substances Act, Schedule III**

Not regulated.

**Canada Controlled Drugs and Substances Act, Schedule IV**

Not regulated.

**Canada Controlled Drugs and Substances Act, Schedule V**

Not regulated.

**Canada Controlled Drugs and Substances Act, Schedule VI**

Not regulated.

**Canada Controlled Drugs and Substances Act, Schedule VII**

Not regulated.

**Canada Controlled Drugs and Substances Act, Schedule VIII**

Not regulated.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**International regulations**

**Stockholm Convention**

Not listed.

**Rotterdam Convention**

Not listed.

**Kyoto Protocol**

Not listed.

**Montreal Protocol**

Not listed.

**Basel Convention**

Not listed.

**International Inventories**

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| Australia | Australian Inventory of Industrial Chemicals (AICIS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| Taiwan | Taiwan Chemical Substance Inventory (TCSI) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

| | |
|---|---|
| **Issue date** | 20-November-2025 |
| **Revision date** | 25-November-2025 |
| **Version No.** | 02 |
| **Disclaimer** | The International Group Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. |

| PRODUCT NUMBER |
|---|
| 1070A |
| 1070C |
| 1208A |
| 1210A |
| 1212U |
| 1216A |
| 1221A |
| 1222A |
| 1226A |
| 1226F |
| 1227A |
| 1228A |
| 1230A |
| 1230C |
| 1230D |
| 1230E |
| 1230F |
| 1230G |
| 1230H |
| 1230J |
| 1230K |
| 1230L |
| 1230P |
| 1230S |
| 1230U |
| 1231A |
| 1231B |
| 1231D |
| 1231U |
| 1232E |
| 1235A |
| 1235B |
| 1235C |
| 1236A |
| 1236B |
| 1236C |
| 1236U |
| 1239A |
| 1239B |
| 1239S |
| 1239U |
| 1240A |
| 1242A |
| 1245A |
| 1246A |
| 1246E |
| 1246F |
| 1246H |
| 1246U |
| 1248A |
| 1250A |
| 1250B |
| 1250P |
| 1250S |
| 1250U |
| 1252A |
| 1252U |
| 1260A |
| 1260D |
| 1260E |

| PRODUCT NUMBER |
|---|
| 1260F |
| 1260U |
| 1263A |
| 1263B |
| 1266A |
| 1266D |
| 1266E |
| 1266J |
| 1266P |
| 1266R |
| 1266S |
| 1266T |
| 1266W |
| 1266X |
| 1266Y |
| 1270A |
| 1274A |
| 1278A |
| 1279A |
| 1280A |
| 1284A |
| 1286A |
| 1288A |
| 1288B |
| 1288C |
| 1290A |
| 1290B |
| 1293A |
| 1296A |
| 1297A |
| 1297U |
| 1301A |
| 1302A |
| 1302B |
| 1302C |
| 1302D |
| 1302F |
| 1302H |
| 1302U |
| 1303A |
| 1303F |
| 1303T |
| 1303U |
| 1304A |
| 1304B |
| 1304S |
| 1304U |
| 1308A |
| 1313A |
| 1314A |
| 1314B |
| 1325A |
| 1325B |
| 1325C |
| 1325D |
| 1330A |
| 1332A |
| 1339A |
| 1339B |
| 1339E |

| PRODUCT NUMBER |
|---|
| 1340A |
| 1342A |
| 1343A |
| 1343N |
| 1345A |
| 1346A |
| 1347B |
| 1350A |
| 1375A |
| 1377A |
| 1380A |
| 1392A |
| 1397U |
| 1398A |
| 1430A |
| 1435A |
| 1563B |
| 1977A |
| 1977B |
| 1986A |
| 2202A |
| 2202F |
| 2202N |
| 2202U |
| 2203U |
| 2205A |
| 2206A |
| 2208A |
| 2210A |
| 2212A |
| 2212M |
| 2214A |
| 2216A |
| 2221A |
| 2225A |
| 2225B |
| 2230A |
| 2234A |
| 2237A |
| 2243A |
| 2251A |
| 2251B |
| 2251C |
| 2251U |
| 2252A |
| 2260B |
| 2270A |
| 2281A |
| 2281F |
| 2281O |
| 2281S |
| 2281U |
| 2285A |
| 2285B |
| 2288A |
| 2289A |
| 2289B |
| 2289C |
| 2289E |
| 2289G |

| PRODUCT NUMBER |
|---|
| 2289N |
| 2289U |
| INTERFLO-39 |
| INTERFLO-66 |
| INTERFLO-L6530B |
| R-6032A |
| R-6192A |
| R-6262A |
| R-6283A |
| R-6285A |
| R-6405A |
| R-6427A |
| R-6495A |
| R-6499A |
| R-6513A |
| R-6585A |
| R-6585C |
| R-6767A |
| R-6787F |
| R-6928A |
| R-6928B |
| R-7015A |
| R-7138A (ACCUMELT 50) |
| R-7146A |
| R-7146B |
| R-7161A |
| R-7175A |
| R-7178A |
| R-7178B |
| R-7203A |
| R-7226A |