



Industrial Raw Materials LLC

Safety Data Sheet

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Indrapet (Petrolatum)
Product Description: Petroleum Hydrocarbons, Petrolatum
Product Code(s): Indrapet(s) (for list of product names/codes see Annex)
Intended Use: Wax

COMPANY IDENTIFICATION

Supplier: Industrial Raw Materials LLC
39 West Mall
Plainview NY 11803 USA

24 Hour Health Emergency 212-688-8080
Transportation Emergency Phone 212-246-0205
Product Technical Information 212-688-8080
SDS Internet Address <http://irmwax.com>

SECTION 2 HAZARDS IDENTIFICATION

This material is not hazardous according to regulatory guidelines (see SDS Section 15).

Other hazard information:

HAZARD NOT OTHERWISE CLASSIFIED (HNOC): None as defined under 29 CFR 1910.1200.

PHYSICAL / CHEMICAL HAZARDS

Thermal burn hazard - contact with hot material may cause thermal burns.

HEALTH HAZARDS

High-pressure injection under skin may cause serious damage. When heated, the vapors/fumes given off may cause respiratory tract irritation.

ENVIRONMENTAL HAZARDS

No significant hazards.

NFPA Hazard ID:	Health: 1	Flammability: 1	Reactivity: 0
HMIS Hazard ID:	Health: 1	Flammability: 1	Reactivity: 0

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

This material is defined as a substance.

No Hazardous Substance(s) or Complex Substance(s) required for disclosure.

SECTION 4 FIRST AID MEASURES

Swallowing

WHEN MOLTEN ONLY (molten product can cause thermal burns). Obtain medical attention immediately. This is not a toxic substance.

Inhalation

No emergency care anticipated. WHEN MOLTEN ONLY (molten product can cause thermal burns). Obtain medical attention immediately.

Skin

WHEN MOLTEN ONLY (molten product can cause thermal burns) – In serious cases, use emergency shower immediately. Immediately flush skin thoroughly with water for at least 15 minutes while removing contaminated clothing

and shoes. Obtain medical attention.

Eye contact

WHEN MOLTEN ONLY (molten product can cause thermal burns) – Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water. Oil will float on water and can spread any fire.

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Hazardous Combustion Products: Oxides of carbon, Wax fumes, Smoke, Fume, Sulfur oxides, Aldehydes, Incomplete combustion products

FLAMMABILITY PROPERTIES

Flash Point [Method]: 176 - 260°C (350 - 450°F) [ASTM D-92]

Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D

Autoignition Temperature: N/D

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear suitable protective equipment.

Environmental precautions

Avoid runoff to sewers or waterways. Dike area of spill to prevent spreading and pump liquid to salvage tank. Waste: avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

Methods for cleaning up

Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. After cooling, scrape and/or shovel material. Stop the leak if it can be done without risk. Floor may be slippery; use care to avoid falling.

SECTION 7 HANDLING AND STORAGE

HANDLING

Do not handle at temperatures >+40°C, unless wearing appropriate protective equipment.

Ventilation

General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

STORAGE

Storage requirements

Keep away from heat, sparks and flame. Do not store at temperatures: >+40°C without proper safety review of storage equipment. Store protected from light.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

No exposure limits have been established.

OCCUPATIONAL EXPOSURE CONTROLS

Respiratory protection

None expected to be needed.

Hand protection/protective gloves

Wear oil resistant gloves. WHEN MOLTEN ONLY: wear gloves impervious to this material.

Eye protection

WHEN MOLTEN ONLY: Face shield or chemical splash goggles in case of splashing.

Skin protection

WHEN MOLTEN ONLY: Wear protective clothing, such as long sleeves to minimize skin contact.

Environmental Exposure Controls:

None expected to be needed.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

GENERAL INFORMATION

Physical State: Solid

Color: White - Brown

Odor: Mild

Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 °C): 0.75 - 0.9

Flammability (Solid, Gas): N/A

Flash Point [Method]: 190 - 300°C (380 - 575°F) [ASTM D-92]

Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D

Autoignition Temperature: N/D

Boiling Point / Range: > 230°C (445°F) [Estimated]

Decomposition Temperature: N/D

Vapor Density (Air = 1): N/D

Vapor Pressure: < 0.013 kPa (0.1 mm Hg) at 20 °C [Estimated]

Evaporation Rate (n-butyl acetate = 1): N/D

pH: N/A

Log Pow (n-Octanol/Water Partition Coefficient): > 6 [Estimated]

Solubility in Water: Negligible

Viscosity: 8.0 – 24.0 cSt at 100°C

Oxidizing Properties: See Hazards Identification Section.

OTHER INFORMATION

Freezing Point: N/D

Melting Point: 36 - 85°C (97 - 185°F)

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Hazard polymerization will not occur.

Conditions/Materials to avoid: Extreme temperature and direct sunlight/ultraviolet light and strong oxidizing agents.

Hazardous combustion products

Burning can produce the following combustion products: Oxides of carbon and soot.

SECTION 11 TOXICOLOGICAL INFORMATION

GENERAL

No evidence of harmful effects from available information.

SECTION 12 ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

Material -- Not expected to be harmful to aquatic organisms.

MOBILITY

Hydrocarbon component -- Low solubility and floats and is expected to migrate from water to the land.

Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Hydrocarbon component -- Expected to be inherently biodegradable

BIOACCUMULATION POTENTIAL

Hydrocarbon component -- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

SECTION 13

DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

REGULATORY DISPOSAL INFORMATION

RCRA Information: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

Empty Container Warning Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. **DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

SECTION 14

TRANSPORT INFORMATION

ADR/RID

(when transported at <100°C) This product is not regulated by ADR.

When transported above >100°C – UN3257 ELEVATED TEMPERATURE LIQUIDS, N.O.S. (9), III, **Class:** 9 (M9), **UN No.:** 3257, **Packaging Group:** III, **Hazard No.:** 99, **Label:** 9, **Technical Description:** Technical Petroleum Jelly
Freight Description Road: 65 Petroleum Oil, N.O.I.B.N.

IMDG/ICAO

This product is not regulated by IMDG/ICAO.

TDG-CANADA

This product is not regulated by TDG.

SECTION 15

REGULATORY INFORMATION

EC/GHS classification

According to EC/GHS regulations this product is not classified or labeled

EPA Hazard Categories (SARA 311, 312): None

WHMIS Classification: This product is not a WHMIS controlled product.

Chemical Inventory

Canada: The ingredients of this product are on the DSL.

Europe: The ingredients of this product are on the EINECS inventory.

United States: The ingredients of this product are on the TSCA inventory.

Australia: The ingredients of this product are on the AICS inventory

Japan: The ingredients of this product are on the ENCS inventory

SECTION 16

OTHER INFORMATION

