


SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME	MINERAL OIL, NF (Light)
PRODUCT CODE	0037
SUPPLIER	MEDISCA Inc. Tel.: 1.800.932.1039 Fax.: 1.855.850.5855 661 Route 3, Unit C, Plattsburgh, NY, 12901 3955 W. Mesa Vista Ave., Unit A-10, Las Vegas, NV, 89118 6641 N. Belt Line Road, Suite 130, Irving, TX, 75063 MEDISCA Pharmaceutique Inc. Tel.: 1.800.665.6334 Fax.: 514.338.1693 4509 Rue Dobrin, St. Laurent, QC, H4R 2L8 21300 Gordon Way, Unit 153/158, Richmond, BC V6W 1M2 MEDISCA Australia PTY LTD Tel.: 1.300.786.392 Fax.: 61.2.9700.9047 Unit 7, Heritage Business Park 5-9 Ricketty Street, Mascot, NSW 2020
EMERGENCY PHONE	CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 NSW Poisons Information Centre: 131 126
USES	Pharmaceutic Aid (Solvent)

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION	Aspiration Hazard (Category 1) Eye Irritation (Category 2B)		
PICTOGRAM			
SIGNAL WORD	Danger		
HAZARD STATEMENT(S)	May be fatal if swallowed and enters airways. Causes eye irritation.		
AUSTRALIA-ONLY HAZARDS	Not Applicable		
PRECAUTIONARY STATEMENT(S)	Prevention	Wash thoroughly after handling.	
	Response	IF SWALLOWED: Immediately call a physician. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
	Storage	Store locked up.	
	Disposal	Dispose of contents and/or container in accordance with local regulations.	
HMS CLASSIFICATION	Health Hazard	1	Flammability 1
	Reactivity	0	Personal Protection E

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	Not applicable
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BOTANICAL NAME	Not applicable						
SYNONYM	Light White Mineral Oil; Light White Mineral Oil (Petroleum); Light Liquid Paraffin						
CHEMICAL FORMULA	Not applicable						
CAS NUMBER	8042-47-5						
ALTERNATE CAS NUMBER	8012-95-1						
MOLECULAR WEIGHT	Not applicable						
COMPOSITION	<table border="1"> <thead> <tr> <th>CHEMICAL NAME</th> <th>CAS NUMBER</th> <th>% BY WEIGHT</th> </tr> </thead> <tbody> <tr> <td>MINERAL OIL (Light)</td> <td>8042-47-5</td> <td>100</td> </tr> </tbody> </table>	CHEMICAL NAME	CAS NUMBER	% BY WEIGHT	MINERAL OIL (Light)	8042-47-5	100
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MINERAL OIL (Light)	8042-47-5	100					
NOTES	<p>There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as health hazards and hence require reporting in this section.</p> <p>Light and Heavy Mineral Oils are purified mixtures of liquid hydrocarbons obtained from petroleum. Light Mineral Oil has similar characteristics to Heavy Mineral Oil but a lower kinematic viscosity.</p> <p>Medicinal white oils are highly refined, colourless oils free of all unsaturated compounds, aromatic compounds and other constituents that influence colour and odour.</p>						

SECTION 4: FIRST-AID MEASURES

IN CASE OF EYE CONTACT	Flush with copious amounts of water for 15 minutes, separating eyelids with fingers. If irritation persists seek medical aid.
IN CASE OF SKIN CONTACT	Wash with soap & water for 15 minutes. If irritation persists seek medical aid.
IF SWALLOWED	Call a physician. Wash out mouth with water. Do not induce vomiting without medical advice.
IF INHALED	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician
SYMPTOMS AND EFFECTS	Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 5: FIREFIGHTING MEASURES

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	Not applicable
FLAMMABLE PROPERTIES	May be combustible at high temperature
HAZARDOUS COMBUSTION PRODUCTS	Under fire conditions, hazardous fumes will be present.
EXTINGUISHING MEDIA	Small fire: dry chemical, CO ₂ or water spray. Large fire: dry chemical, CO ₂ , alcohol resistant foam or water spray. Do not get water inside containers.
PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
METHODS & MATERIAL FOR CONTAINMENT	On land, sweep or shovel into suitable containers.

CLEANUP PROCEDURE

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Shut off all sources of ignition. Evacuate the area. If necessary, employ water fog to disperse the vapors. Absorb the matter with compatible vermiculite or other absorbing material. Place in a suitable container and retain for disposal. Ventilate and clean the affected area. Do not flush into sewerage system or to drains.

SECTION 7: HANDLING AND STORAGE
PRECAUTIONS FOR SAFE HANDLING

Do not inhale. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

STORAGE CONDITIONS

Store in original container, tightly sealed container, protected from direct sunlight, in a dry and well-ventilated area, away from incompatible materials. Store in accordance with local regulations. Eliminate all ignition sources. Separate from oxidizing materials. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Preserve in tight, light-resistant containers.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Chemical Name: MINERAL OIL (Mist) CAS #: 8042-47-5

	TWA	Ceiling	STEL	REL	IDLH	Remarks
ACGIH TLV	5 mg/m ³	10 mg/m ³	N/L	-	-	-
NIOSH	5 mg/m ³	N/L	N/L	N/L	2500 mg/m ³	-
AIHA WEEL	N/L	N/L	N/L	-	-	-
Safe Work Australia HSIS	5 mg/m ³	N/L	N/L	-	-	-
HSE	N/L	N/L	N/L	-	-	-
OSHA PEL	5 mg/m ³	N/L	-	-	-	-

N/L = Not Listed

EXPOSURE GUIDELINES

Consult local authorities for provincial or state exposure limits. Particulates not otherwise regulated, respirable fraction: 5 mg/m³.

PERSONAL PROTECTIVE EQUIPMENT

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by WHMIS or OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. **Skin:** Wear appropriate gloves to prevent skin exposure. **Clothing:** Wear appropriate protective clothing to minimize contact with skin. **Respirators:** Follow WHMIS or OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

SPECIFIC ENGINEERING CONTROLS

Adequate mechanical ventilation. Fumehood, eye wash station, and safety shower.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
PHYSICAL STATE

Liquid

DESCRIPTION

Colorless, transparent, oily liquid, free or practically free from fluorescence. Is odorless when cold, and develops not more than a faint odor of petroleum when heated.

SOLUBILITY

Insoluble in water and in alcohol; soluble in volatile oils. Miscible with most fixed oils but not with castor oil.

ODOR

Is odorless when cold, and develops not more than a faint odor of petroleum when heated.

FLAMMABILITY	May be combustible at high temperature				
ODOR THRESHOLD	Not available	pH	Not available	MELTING POINT	Not available
BOILING POINT	(218-643)°C, (424.4-1189.4)°F	FREEZING POINT	Not available	FLASH POINT	>112°C, >233.6° F (Closed Cup)
SPECIFIC GRAVITY	0.818-0.880 (25° C)	EVAPORATION RATE	Not available	EXPLOSIVE LIMIT	Not available
UPPER FLAMMABLE/ EXPLOSIVE LIMIT(S)	Not available	LOWER FLAMMABLE/ EXPLOSIVE LIMIT(S)	Not available	VAPOR PRESSURE	<0.008 hPa(20° C)
VAPOR DENSITY (AIR = 1)	Not available	RELATIVE DENSITY (WATER = 1)	Not available	log P (OCTANOL-WATER)	> 6
AUTO-IGNITION TEMPERATURE	(325-355)°C, (617-671)°F	DECOMPOSITION TEMPERATURE	Not available	VISCOSITY	3.0 - 34.4 mm ² · s ⁻¹ (40°C)

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY	Not established
STABILITY	Stable under recommended storage conditions
MATERIALS TO AVOID	Strong oxidants
HAZARDOUS DECOMPOSITION PRODUCTS	Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and other gases may occur
HAZARDOUS POLYMERIZATION	Will not occur
POSSIBILITY OF HAZARDOUS REACTION	Not established
CONDITIONS TO AVOID	Moisture, sunlight and extreme temperatures

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	Oral: Rat: LD50: (mg/kg): > 5000 Dermal: Rabbit: LD50: (mg/kg): > 2000 Inhalation: Rat: LD50: (ppm/4hr): 2062
SKIN CORROSION/IRRITATION	Based on available data, the classification criteria are not met. Irritancy test: Guinea pig: Skin: Non-irritating. Irritancy test: Rabbit: Skin: Non-irritating.
SERIOUS EYE DAMAGE/EYE IRRITATION	Causes eye irritation. Irritancy test: Rabbit: Eye: Irritating.
RESPIRATORY OR SKIN SENSITIZATION	Respiratory sensitization: Due to lack of data the classification is not possible. Skin sensitization: Based on available data, the classification criteria are not met. Guinea pig maximization test: Non-sensitizing.
GERM CELL MUTAGENICITY CARCINOGENICITY	Data from germ cell mutagenicity tests were not found. Due to lack of data the classification is not possible.
OSHA	MINERAL OIL (highly-refined) is not listed.

ADDITIONAL CARCINOGENICITY INFORMATION	NTP	MINERAL OIL (highly-refined) is not listed.
	IARC	MINERAL OIL (highly-refined) is listed in group 3 (not classifiable as to its carcinogenicity to humans).
	California Proposition 65	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
		Based on available data, the classification criteria are not met. Carcinogenicity study: 2 years: Mouse: 75 µL/kg: No carcinogenetic effect. Lifetime carcinogenicity study: Mouse: 75 µL/kg: No carcinogenetic effects observed.
REPRODUCTIVE TOXICITY		Based on available data, the classification criteria are not met. Hypothrombinemia and hemorrhagic disease of the newborn have occurred following chronic use of mineral oil during pregnancy.
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE		Due to lack of data the classification is not possible.
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE		Due to lack of data the classification is not possible.
ASPIRATION HAZARDS		May be fatal if swallowed and enters airways. This product is relatively non-toxic by ingestion unless aspiration occurs. Aspiration may lead to chemical pneumonitis, which is characterized by pulmonary edema and hemorrhage and may be fatal. Coughing, choking, and gagging are often noted at the time of aspiration. Gastrointestinal discomfort may develop, followed by vomiting with a further risk of aspiration. Product has laxative properties and may result in abdominal cramps and diarrhea. Exposure to a large single dose or repeated smaller doses of mineral oil by inhalation, aspiration or ingestion leading to aspiration can lead to lipid pneumonia or lipid granuloma. Shortness of breath and cough are the most common symptoms. Light Mineral Oil is a hydrocarbon with a kinematic viscosity that may be greater than 20.5 mm ² /s (40° C).
SIGNS AND SYMPTOMS OF EXPOSURE		Not expected to present a significant hazard under anticipated conditions of normal use. Symptoms related to the physical, chemical, and toxicological characteristics: Nausea. Vomiting. Diarrhea. Laxative effects. Medical conditions aggravated by exposure: Appendicitis. Intestinal problems. Ulcerative colitis. Rectal bleeding.
POTENTIAL HEALTH EFFECTS	Inhalation	May be harmful if inhaled. May cause respiratory tract irritation. May be fatal if swallowed and enters airways.
	Ingestion	May be harmful if swallowed. May be fatal if swallowed and enters airways.
	Skin	May be harmful if absorbed through skin. May cause skin irritation
	Eyes	Causes eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY	EC50: 48 Hr: Crustacea: (mg/L): Not available LC50: 96 Hr: Fish: (mg/L): > 10000 IC50: 72 Hr: Algae: (mg/L): Not available
PERSISTENCE AND DEGRADABILITY	Not available
BIOACCUMULATIVE POTENTIAL	High: LogPow: > 6.
MOBILITY IN SOIL	Insoluble in water.
OTHER ADVERSE EFFECTS	Not available This product is not intended to be released into the environment

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Dispose of in accordance with federal / local laws and regulations. Avoid release into the environment.

SECTION 14: TRANSPORT INFORMATION
UNITED STATES & CANADA
UN PROPER SHIPPING NAME Not dangerous good

UN NUMBER Not applicable

CLASS Not applicable

PACKING GROUP Not applicable

AUSTRALIA
UN PROPER SHIPPING NAME Not dangerous good

UN NUMBER Not applicable

CLASS Not applicable

PACKING GROUP Not applicable

HAZCHEM Not applicable

ENVIRONMENTAL HAZARDS Not available

SPECIAL SHIPPING INFORMATION Not applicable

SECTION 15: REGULATORY INFORMATION

Chemical Name & CAS	CERCLA 40 CFR Part 302.4	SARA (Title III) 40 CFR Part 372.65	EPA 40 CFR Part 355		Pennsylvania	Right-to-know		California Prop 65
			Appendix A	Appendix B		New Jersey	Massachusetts	
MINERAL OIL (highly-refined) 8042-47-5	N/L	N/L	N/L	N/L	X	X	X	N/L

N/L = Not Listed; X = Listed

AUSTRALIAN REGULATIONS

Chemical Name & CAS	Poisons and Therapeutic Goods Regulation	Therapeutic Goods Act	Code of Practices - Illicit Drug Precursors
MINERAL OIL (highly-refined) 8042-47-5	N/L	Not Listed*	N/L

NOTES

*Pharmaceutical grade mineral oils are exempt.

SECTION 16: OTHER INFORMATION
REFERENCES

Available upon request

ABBREVIATIONS AND ACRONYMS

CAS – Chemical Abstract Service; **GHS** – Global Harmonized System; **OSHA PEL** – Occupational Safety & Health Administration Permissible Exposure Limits; **TWA** – Time Weighted Average; **HSIS** – Hazardous Substances Information System; **STEL** – Short Term Exposure Limit; **AIHA WEEL** – American Industrial Hygiene Association Workplace Environment Exposure Levels; **LD50** – Lethal Dose, 50%; **IARC** – International Agency for Research on Cancer; **NTP** – National Toxicology Program; **WHMIS** – Workplace Hazardous Materials Information System; **SARA** – Superfund Amendments and Reauthorization Act; **EPA** – Environmental Protection Agency; **CERCLA** – Comprehensive Environmental Response, Compensation, and Liability Act; **HMIS** – Hazardous Materials Information System; **NIOSH** – National Institute for Occupational Safety and Health; **MSHA** - Mine Safety and Health Administration; **ACGIH** - American Conference of Governmental Industrial Hygienists; **IDHL** - Immediately Dangerous to Health or Life; **TLV** – Threshold Limit Value; **HSE** – Health and Safety Executive; **REL** - Recommended Exposure Limit

LAST REVISION

09/2017

SUPERSEDES

11/2016

DISCLAIMER

This document was created in accordance with OSHA, Safe Work Australia and WHMIS regulations. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MEDISCA[®] shall not be held liable for any damage resulting from handling or from contact with the above product. Recipients of the product must take responsibility for observing existing laws and regulations.