PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	EP90
Product Code	
Synkets	Not Classified
Labeling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	EP90
Supplier	NONA INDUSTRIAL CC
Updated	April 2023
Review	April 2025
CAS Number	N/A
UN Number	N/A
Health Emergency Telephone	(011) - Red Cross Poison
Transport Emergency Telephone	(011) 331 2947 (Haschem)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition comments
Some substances are not classified by legislation. They are self- classified by the manufacturer. The DMSO extract by IP 346 of the oil is less than 3%

SECTION 3. HAZARDOUS IDENTIFICATION

2.1. Classification of the substance or mixture Classification (EC 1272/2008)
Physical hazards Not Classified

Health hazards: Not Classified
Environmental hazards: Not Classified

2.2. Label elements
Hazard statements NC Not Classified

SECTION 4. FIRST AID MEASURES

Inhalation	Not expected to be a problem. However, if respiratory irritation occurs due to excessive vapour or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with mechanical device or use mouth-to-mouth resuscitation.
Skin	Remove contaminated clothing. Dry wipe exposed skin and cleanse with hand cleaner, soap and water. Launder contaminated clothing before reuse. (See Section 16 - Injection Injury)
Eyes	Flush thoroughly with water. If irritation occurs call a doctor.
Ingestion	Not expected to be a problem. However, if discomfort occurs seek medical attention. Do not induce vomiting.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media	Carbon dioxide, foam, dry chemical and water fog.
Special Fire-fighting procedures	Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, municipal sewers, or drinking water supply.
Special protective equipment	For fires in enclosed areas, fire fighters must use Self-Contained Breathing Apparatus.
Unusual fire and explosion hazards	None.
Products of decomposition	Fumes, smoke, carbon monoxide, sulphur oxides, aldehydes and other decomposition products, in the case of incomplete combustion
Flashpoint	> 182°C (ASTM D-92)

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Procedure if material is released or spilled	Report spills/releases as required to appropriate authorities.
Methods for cleaning up	LAND SPILL: Shut off source taking normal safety precautions. Take precautions against static. Stop leak if possible without risk. Contain spill using explosion-proof equipment or contain spilled liquid with sand or other suitable absorbent and remove mechanically into containers.
Personal precautions	See Section13

SECTION 7. HANDLING AND STORAGE

Handling	No special precautions are necessary beyond normal good hygiene practices. Avoid spilling. Avoid contact with skin and eyes.
Storage	Keep containers closed when not in use. Do not store in open or unlabelled containers. Do not store near heat sources, sparks, flames, strong oxidizing agents and combustible materials.
Storage and handling procedures	Prevent small spills and leakages to avoid slip hazard.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational exposure limits Distillates (petroleum) solvent-dewaxed heavy paraffinic

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

The following protection should be worn: Chemical splash goggles or face shield.

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Nitrile rubber. Polyvinyl chloride (PVC).

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Nitrile rubber. Polyvinyl chloride (PVC).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Amber
Odour	Strong
Solubility	Insoluble
Flash Point	> 216°C (ASTM D-92)
Vapour pressure	N/A
Density	0.87 g/cm3 @ 15 °C (ASTM D-4052)
Viscosity	295cst @ 40°C

SECTION 10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid:	Extreme heat and high energy sources of ignition, such as sparks and static electricity.
Materials to avoid	Strong oxidizers
Hazardous decomposition products	Fumes, smoke, carbon monoxide, sulphur oxides, aldehydes and other decomposition products, in the case of incomplete combustion

SECTION 11. TOXICOLOGICAL DATA

Inhalation toxicity	Inhalation. Gas or vapourin high concentrations may irritate the respiratory system.Symptoms following overexposure may include the following: Coughing.
Ingestion	May cause discomfort if swallowed
Skin contact	Liquid may irritate skin.
Eye contact	Vapour or spray in the eyes may cause irritation and smarting.

SECTION 12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability	This product is expected to be inherently biodegradable.
Physico-chemical Removability	Absorption to sediment and soil will be the predominant behaviour.
Bioaccumulation	Minimal owing to low water solubility.

Ecotoxicity effects

Toxicity to aquatic organisms	This substance is practically non-toxic to aquatic organisms (LL50: >1000 mg/l).

Further information on ecology

Remarks	In the absence of specific environmental data for this product, this assessment is based on information for representative substances.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal	Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling or reuse facility or chemical or physical treatment operation or disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and considerations of product characteristics at time of disposal.
Contaminated packaging	Empty containers retain residue (liquid and/or vapour) and can be dangerous. DO NOT PRESSURIZE, 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. Do not attempt to refill or clean containers without proper training. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.
Other regulations	The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261B), nor is it formulated to contain materials which are listed 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.

Flash Point: > 216 °C (ASTM D-92)

SECTION 14. TRANSPORT INFORMATION

Note: This product is not regulated by the following: U.S. DOT (CFR), ADR, IATA and IMDG.

SECTION 15. REGULATORY INFORMATION

US OSHA Hazard
Communication Standard: When used for its intended purposes, this product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

Governmental Inventory
Status: All components comply with TSCA, EINECS/ELINCS, ACS, METI, DSL, KECI, ENCS, PICCS and IECSC.

EU Labelling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labelling not required.

SARA

U.S. Superfund This product contains no "EXTREMELY HAZARDOUS SUBSTANCES"
Reauthorization Act SARA
Title III
Sec 302 (311/312) Reportable
Hazard Categories: None

The following product ingredients are cited on the lists below

Chemical Name	CAS Number	List Citations
Paraffinic Extract	64742-04-7	6,19

Regulatory list searched

1 = ACGIH ALL	**14 = TSCA 6**
2 = ACGIH A1	**15 = TSCA 12b**
3 = ACGIH A2	**17 = CA P65**
4 = NTP CARC	**18 = CA RTK**
5 = NTP SUS	**19 = FL RTK**
6 = IARC 1	**20 = IL RTK**
7 = IARC 2A	**21 = LA RTK**
8 = IARC 2B	**22 = MI 293**
9 = OSHA CARC	**23 = MN RTK**
10 = OSHA Z	**24 = NJ RTK**
11 = TSCA 4	**25 = PA RTK**
12 = TSCA 5a2	**26 = RI RTK**
13 = TSCA 5e	

Code Key: CARC = Carcinogen; SUS = Suspected Carcinogen

SECTION 15. OTHER INFORMATION

Note: products do not contain PCBs.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for any other applications. In any case, the following advice should be considered:

FIRST AID: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapour, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical attention. Read and understand the MSDS before using this product.

INJECTION INJURY WARNING: If product is injected into or under the skin, or into any part of the human body, regardless of the appearance of the wound or size, the individual should be evaluated immediately by a doctor as a surgical emergency. Even though initial symptoms from high-pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

SAFETY: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures

DISCLAIMER
Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular purposes are beyond our control and therefore all risks resulting from such use are assumed by the buyer. We disclaim all liability for injury of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.
Nothing herein is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

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