

SECTION 1: IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

1.1 Product identifier :	HD Chain Oil
1.2 Other means of identification	
Product Brand:	SedoChem
Product code :	Sedo-L303
Recommended use :	Lubricant Oil
Recommended restrictions :	None known.
1.3 Manufacturer/Importer/Supplier/Distributor information	
Distribute by (Company) :	Jaya Sukses Industries Sdn Bhd
Address :	17, Jalan Industri USJ1/4, Taman Perindustrian USJ 1, 47600 Selangor D.E.
Telephone :	+60 3 8023 6199
Fax :	+60 3 8023 5199
Emergency telephone number :	+60 3 8023 6199

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 OSHA/HCS Status :** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Classification of the : **SERIOUS EYE DAMAGE / EYE IRRITATION – CATEGORY 2A**
substance or mixture
- 2.2 GHS Label elements**
Hazard pictogram



- Signal word **Warning**
- 2.3 Hazard statement(s)**
Precautionary statement(s)
- | | |
|--------------------------------|---|
| P102 | Keep out of reach children |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water |
| P305 + P351 + P338 - | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention |
| P220 | Keep/Store away from clothing/ combustible materials. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention |
| P362 | Take off contaminated clothing and wash before reuse |
| Supplemental Hazard Statements | None |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

	CAS#
Petroleum Hydrocarbon and others	64742-49

SECTION 4: FIRST AID MEASURES

4.1 Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.

Skin Contact

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Note to Physician

Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

Over-exposure signs/symptoms

Eye contact Adverse symptoms may include pain or irritation, watering, redness

Inhalation No known significant effects or critical hazards

Skin contact No known significant effects or critical hazards

Ingestion No known significant effects or critical hazard

4.3 Indication of any immediate medical attention and special treatment needed

Note to physician Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Special treatment No specific treatment

Protection of first aiders No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth to mouth resuscitation.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media Suitable extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2 Special hazards arising from the substance or mixture

Hazardous thermal decomposition Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Products

Unusual Fire & Explosion Hazards: No unusual fire or explosion hazards noted.

Special Hazards: The product is non-combustible. If heated, harmful vapours may be formed.

5.3 Special protective actions: Use water to keep fire exposed containers cool and disperse vapours. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures.

Protective equipment for fire-fighters: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition

- No smoking. Keep away from heat and sources of ignition. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure Controls Process Conditions

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

Engineering measures: All handling to take place in well-ventilated area.

Hand protection: Use neoprene gloves are recommended. Gloves should conform to EN374

Eye Protection: If risk of splashing, wear safety goggles or face shield. EN166

Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures: DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly is skin becomes wet or contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Environmental Exposure Control: Keep container tightly seals when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance Form:	Liquid
b) Odour	Colour: Clear
c) Odor threshold	Petroleum odor
d) pH	Not applicable
e) Melting point / Dropping Point	Not applicable
f) Boiling point°C	280
g) Pour point°C	-22
h) Volatile by colume	Not applicable
i) Special Gravity @ 15.4 °C	0.889

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	No specific, or groups of materials are likely to react to produce a hazardous situation.
10.6 Hazardous decomposition products	Other decomposition products - No data available In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological information	No information available
Other Health Effects	This substance has no evidence of carcinogenic properties.
Ingestion	Liquid irritates mucous membranes and may cause abdominal pain if swallowed, Nausea, vomiting.
Health Warnings	No specific health warning noted. No specific acute or chronic health impact noted, but this chemical may still have advisee impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not regarded as dangerous for the environment
12.1 Toxicity	
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	The product contains substances, which are insoluble in water and which may spread on water surfaces
12.5 Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances
12.6 Other adverse effects	No data available

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Product

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Contaminated packaging

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)	
	Road Transport Notes	Not Classified
	Rail Transport Notes	Not Classified
	Sea Transport Notes	Not Classified
	Air Transport Notes	Not Classified
14.1 UN number		
14.2 UN proper shipping name		
14.3 Transport hazard class(es)	Transport Labels	No transport warning sign required
14.4 Packaging group		
14.5 Environmental hazards		
	Environmentally HAZardous Substance / Marine Pollutant	No
14.6 Special precautions for user		
14.7 Transport in bulk according to Annex II of MARPOL73/78 and IBC Code		No information required

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Section 355 (extremely hazardous substances): None of the ingredients are listed.
Section 313 (Specific toxic chemical listings): None of the ingredients are listed.
TSCA (Toxic Substances Control Act): All ingredients are listed.
Other regulations, limitations and prohibitive regulations
This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
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SECTION 16: OTHER INFORMATION

DISCLAIMER: This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of this product.