SAFETY DATA SHEET

Section 1 Product and Company Identification

Product Name	TODA Axle API GL-5 SAE 85W-140
Recommended Use	Lubricant
Company Identification	
Supplier	TODA OIL JAPAN Buddhamonthon Sai 2 Rd., Taweewattana Bangkok 10170
Health Emergency Telephone	+66-80-515-2424
Supplier General Contact	+66-80-515-2424

Section 2 Hazards Identification

Human health hazards	No specific hazards under normal use conditions. Exposure limit for oil mist applies. Prolonged or repeated exposure may give rise to dermatitis.
Safety hazards	Not classified as flammable, but will burn.
Environmental hazards	Not readily biodegradable. Expected to have a high potential to bio accumulate.
Other information	Not classified as dangerous for supply or conveyance.

Section 3 Composition / Information On Ingredients

Name	CAS Number	%
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	≥7
Additive Ingredient		≥10

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4 First Aid Measures

4.1. Description of first aid measures

First-aid measures general	If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash skin with plenty of water.
First-aid measures after eye contact	Rinse eyes with water as a precaution.

First-aid measures after ingestion	Call a poison center or a doctor if you feel unwell. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	No additional information available. Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after ingestion	May result in aspiration into the lungs, causing chemical pneumonia.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5 Firefighting measures

Extinguishing Media	Small fire - Carbon dioxide of dry chemical Large fire - Dry chemical, foam or water fog.
Hazards	Mainly heat and oxygen depletion Fire-fighters must use self-contained apparatus and protective clothing.

Section 6 Accidental release measures

Personal protection	Oil resistant boots, gloves and protective clothing. Self-contained breathing equipment and eye protection if oil mists or fumes are present due to overheating of product.
Small spillage	Collect by mopping with cotton waste or other available absorbents.
Large spillage	Recover by pumps or vacuum and finish by absorption using dry sand, earth, lime and other mineral absorbents. If necessary, obtain specialist assistance.
Environmental	Prevent pollution of drainage systems, waterways, streams, rivers or dams.
Precautions	Dike spills with absorbents.

Section 7 Handling and storage

Handling	Use PVC, nit rile or other resistant gloves and protective clothing in cases where frequent or prolonged skin contact cannot be avoided. Where eye contact is a potential hazard, goggles or face shields should be worn.
Handling temperature	Avoid temperatures exceeding 60 °C.
Storage	Avoid temperatures above 60 °C and strong oxidizing agents.
Storage conditions	Ambient temperatures and atmospheric pressures normally encountered within buildings or roofed-over storage areas are acceptable. Avoid entering areas where mists or vapours have built up as a result of

	abnormal temperatures or pressures without the proper breathing equipment and protective clothing.

Section 8 Exposure controls/personal protection

Engineering measures	Carry out a health risk assessment to determine safe operating procedures to avoid contact and exposure. Apply engineering controls appropriate to the job.
Eye protection	Wear chemical safety glasses or face shield if splashes are likely to occur.
Hand protection	PVC or nitrile rubber gloves.
Hygiene measures	Wash hands before eating, drinking, smoking and using the toilet.
Respiratory Protection	Not normally required. If oil mist cannot be controlled, a respirator fitted with an organic vapor cartridge combined with a particulate pre-filter should be used

Section 9 Physical and chemical properties

Physical state	Liquid.
Odor	Mild
Color	Amber
Heat of combustion	Not available.
Density	900 kg/m^3 (0.90 g/cm^3) at 15°C
Solubility	Insoluble in water.
Viscosity, Kinematic	341 mm^2/s (341 cst) at 40°C

Section 10 Stability and reactivity

Conditions to Avoid	Temperatures in excess of 100 °C and exposure to strongly oxidizing conditions
Incompatible materials	Oxidizing agents, acids, halogens and halogenated compounds
Hazardous decomposition	Traces of aldehydes, phenols, acrylates, hydrogen and other sulphides, alkyl mercaptans and
products	oxides of carbon, calcium, sulphur, phosphorus, zinc and nitrogen liberated during decomposition can reach hazardous concentrations in poorly ventilated areas.

Section 11 Toxicological information

Basis for assessment	Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar product.

Acute toxicity	Oral- LD50 expected to be above 15 g/kg Dermal- LD50 expected to be above 2000 mg/kg Inhalation- Not considered to be an inhalation hazard under normal conditions of use.
Eye irritation	Expects to be slightly irritant.
Skin irritation	Expects to be slightly irritant.
Respiratory irritation	If mists are inhaled, slight irritation of the respiratory tract may occur.
Skin sensitization	Not expected to be a skin sensitizer.

Section 12 Ecological information

Ecotoxicity: No testing has been performed by the manufacturer.

Section 13 Disposal considerations

Waste information: Avoid contact of spilled material and runoff with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations.

Section 14 Transport information

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO)

Section 15 Regulatory information

Regulatory information: N/A

Section 16 Other information

The information given in this document is based on knowledge at the date of preparation and is offered in good faith. Responsibility cannot be accepted for error or omission therein, or damage that may result.