

GLOBAL LUBRICANTS LTD
SAFETY DATA SHEET
ARVINA GX GEAR OILS

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

* PRODUCT NAME: Arvina GX 220 Food Safe Gear Oils
Application: ISO grades 100, 150,220,360 & 460
* COMPANY: Global Lubricants Limited
* ADDRESS: Unit 13 Sandwell Business Dev Centre, Oldbury Road, Smethwick West Midlands B66 1NN
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2. HAZARDS IDENTIFICATION

This product is not classed as hazardous under current UK Health & Safety and Environmental legislation when used in the Application for which it is intended.

3. COMPOSITION/INFORMATION ON INGREDIENTS

* Composition: Synthetic hydrocarbon oils with polymer additives. packaged additive system containing anti-wear, anti-oxidant and corrosion inhibiting characteristics.

4. FIRST AID MEASURES

* SKIN CONTACT: Wash thoroughly with soap and water.
* EYE CONTACT: Flush eyes thoroughly with copious amounts of water, until irritation subsides. If irritation persists obtain medical attention.
* INHALATION: Remove to fresh air. If effects persist, seek medical advice.
* INGESTION: Do not induce vomiting. Wash mouth out with water. Obtain immediate medical attention showing this sheet.
* PRESSURE INJECTION: Always obtain immediate medical attention even though the injury may appear minor.

5. FIRE FIGHTING MEASURES

* EXTINGUISHING MEDIA: Dry Powder & CO₂. Use water fog to cool fire exposed surfaces. Do not use direct stream of water.
* SPECIAL FIRE FIGHTING PROCEDURES: Use breathing apparatus in confined space in the event of fire.
* UNUSUAL FIRE & EXPLOSION HAZARDS: Treat as mineral oil
* PRODUCTS OF COMBUSTION: Treat as Mineral Oil.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Contain in spill area and scrape up. Prevent entry into drains, sewers and watercourses.

7. HANDLING AND STORAGE

* USAGE PRECAUTIONS: Keep containers closed when not in use. Prevent slip hazards.
* STORAGE PRECAUTIONS: Keep at storage temperature 0-40°C

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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- * OCCUPATIONAL EXPOSURE LIMITS: Polyalphaolefin ACGIH TLV TWA; 5mg/m³ STEL mg/m³
Polyalphaolefin OSHA PEL TWA; 5mg/m³
- * ENGINEERING CONTROL: Local exhaust ventilation is recommended when excessive product misting occurs.
- * PROTECTIVE EQUIPMENT: Avoid skin and eye contact. Wear impervious gloves (e.g. of PVC), in case of repeated or prolonged contact. Change contaminated clothing and thoroughly clean before re-use.

9. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE;	Clear slight yellow
ODOUR:	Slight
RELATED DENSITY (@20°C):	0.885 – 0.863
FLASHPOINT (CLOSED CUP)°C:	min>266°C
FLAMMABILITY LIMIT (in air % by volume):	
WATER SOLUBILITY:	POOR
FAT SOLUBILITY:	GOOD
BOILING POINT (°c):	N/A
POUR MELTING POINT (°C):	- 42
KINEMATIC VISCOSITY 40°C(mm ² s-1):	100,150,220,360,460.

10. STABILITY AND REACTIVITY

- * MATERIAL TO AVOID: Strong oxidising agents
- * CONDITIONS TO AVOID: Open flame and high temperatures.
- * HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition dependent on combustion conditions. Carbon Dioxide, Carbon Monoxide and other unidentified organic compounds may be Formed.
- * STABILITY: Stable, will not polymerise

11 TOXICOLOGICAL INFORMATION

- * HEALTH WARNINGS: Treat as Mineral Oil
- * Skin contact: Unlikely to cause harm on brief or occasional contact.
- * Eye contact: May cause transient irritation.
- * Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.
- * Ingestion: May cause nausea, vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

- * DEGRADABILITY: This product is not readily biodegradable however it does not bio accumulate.
- * ACUTE FISH TOXICITY: Very low toxicity
- * WATER HAZARD CLASSIFICATION:

13. DISPOSAL CONSIDERATIONS

- * DISPOSAL METHODS: According to Environmental Protection act 1990 Section 34(7). Use a licensed waste disposal company.

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14. TRANSPORT INFORMATION

Road: NOT APPLICABLE. (Food safe lubricant for incidental food contact.)
UN N°:
CEPIC TEC(R) N°:
AIR:
UN N°:
SEA:
UN N°:
IMDG Page N°:

15. REGULATORY INFORMATION

* LABEL FOR SUPPLY: none
* RISK PHRASES: Not classed as flammable
* SAFETY PHRASES: None
* UK REGULATORY REFERENCES: Control of substances hazardous to health regulations 1988
Chemicals (hazard information & Packing regulations 1993)

16. OTHER INFORMATION

* INGREDIENTS TO BE DECLARED: None

The following documentation is published by the UK Health and Safety Executive and is available from H.M. Stationary offices:

EH 40 - Occupational exposure limits

EH 58 - The carcinogenicity of mineral oils

SHW 367 - Dermatitis cautionary notice

SHW 397 - Effects of mineral oil on the skin

ALL INFORMATION CONTAINED IN THIS DATA SHEET IS IN ACCORDANCE WITH CHEMICALS HAZARD INFORMATION AND PACKING REGULATIONS.

REVISED 25/10/2010

