

GP3/1 – Safety Data Sheet

1. Identification of product & company

Characteristics	Remarks
1.1 Product name	KG Ultra GP3/1 - General Purpose Grease
1.2 Trade name	KG Ultra GP3/1 - General Purpose Grease
1.3 Application	Automotive grease
1.4 Company name	KG International
1.5 Address	KG International FZCO, Plot no.MO0260, Jebel Ali Free Zone, P.O. Box NO.17122, Dubai, UAE.
1.6 Contact no.	800-BEARINGS

2. Composition

Characteristics	Remarks		
2.1 Cas no.	Chemical Name	% by wt	CAS No.
	Lithium Hydroxide	0.5-2.2	1310-66-3
	Mineral Oil	82-94	64742-52-5
			64741-88-4
			64742-54-7
			64742-01-4
	12-HSA	4-10	106-14-9
	HCO	2-6	8001-78-3
	Mix Additives	0-3	Proprietary Mixture
	Zinc dialkyldithiophosphate	0-2.5	68457-79-4
	Butene	0-2	9003-27-4

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3. Hazard Identification (Under normal conditions of use, this product is not considered hazardous)

Characteristics	Remarks
3.1 Emergency Overview	Amber liquid, pressurized mists may form flammable mixture
3.2 Potential health effect	Under normal conditions of intended use, these products do not pose any risk to health. Excessive exposure may result in eye, skin or respiratory irritation

4. First Aid Measures

Characteristics	Remarks
4.1 Inhalation	Does not cause any problem but if discomfort occurs contact a physician
4.2 Ingestion	Normally does not cause any problem but if discomfort occurs contact a physician
4.3 Skin Contact	Wash contact area with soap and water
4.4 Eye Contact	Rinse immediately with plenty of water. Seek medical attention if irritation develops

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5. Fire-Fighting Measures

Characteristics	Remarks
5.1 Extinguishing media	Carbon dioxide, foam, dry chemical and waterlog
5.2 Advice for Fire Fighters	Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel

6. Accidental Release Measures

Characteristics	Remarks
6.1 Personal protection	Keep public away from danger area. Wear recommended personal protective equipment. Equipment clean-up crew
6.2 Environmental precautions	Prevent entry to sewers and public waters. Notify authorities if precautions liquid enters sewers or public waters
6.3 Clean up method	Clean up any spills as soon as possible, using an absorbent leakage material to collect it. Collect spills and put it into appropriate container. Use suitable disposal containers

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7. Storage & Handling

Characteristics	Remarks
7.1 Storage	Keep container closed when not in use. Do not store in open or unlabelled area
7.2 Handling	Use hand gloves and safety goggle while using these materials

8. Exposure Controls / Personal Protection

Characteristics	Remarks
8.1 Respiratory protection	No special respiratory protection equipment is recommended under normal conditions of use
8.2 Skin protection	No special clothing/skin protection equipment is recommended under normal conditions of use
8.3 Hand protection	Use neoprene or rubber gloves
8.4 Eye protection	Safety glasses
8.5 Industrial hygiene	Provide local exhaust or general room ventilation to minimize dust/vapor concentrations. When using, do not eat, drink or smoke. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure

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9. Physical & Chemical Properties

Characteristics	Remarks
9.1 Appearance	Smooth & Uniform
9.2 Soap Type	Lithium
9.3 Worked Penetration @25°C, After 60 Strokes, 0.1 mm units.	220-250
9.4 Drop Point, °C, Min	190

10. Stability and Reactivity

Characteristics	Remarks
10.1 Thermal Stability	Stable
10.2 Cold Stability	Stable
10.3 Hazardous decomposition products	These products do not decompose at ambient temperature.
10.4 Hazardous Polymerization	Will not occur

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11. Toxicological Information

Characteristics	Remarks
11.1 Acute toxicity	LD50 (Rat) : > 3000 mg/kg Remark: Low Toxicity Based on available data, the classification criteria are not met
11.2 Inhalation	Practically non-toxic
11.3 Dermal	Not expected to be a primary skin irritant
11.4 Ingestion	Ingestion
11.5 Eyes irritation (rabbit)	Non-irritating
11.6 Chronic toxicity	Not expected to be toxic
11.7 Sensitization	No sensitization effects known
11.8 Mutagenicity	Not expected to be a mutagenic hazard

12. Disposal Considerations

Characteristics	Remarks
12.1 Disposal	Dispose in a safe manner in accordance with local/national regulations

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13. Ecological Information

Characteristics	Remarks
13.1 Toxicity	Material - Not expected to be harmful to aquatic organisms
13.2 Persistence and Degradability Biodegradation	Base oil component - Expected to be inherently biodegradable
13.3 Bioaccumulation Potential	Base oil component - Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability
13.4 Mobility in Soil	Base oil component - Low solubility/floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids
13.5 Other Effects	No adverse effects are expected

14. Regulatory Information

Characteristics	Remarks
14.1 Symbol(s)	Not applicable
14.2 R Phrase(s)	Not applicable
14.3 S Phrase(s)	Not applicable

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15. Transport Information

Characteristics	Remarks
15.1 General information	Not regulated
15.2 UN No.	Not regulated
15.3 ADR/RID	Not regulated
15.4 IMO-IMDG code	Not regulated
15.5 ICAO/IATA	Not regulated

16. Other Information

Characteristics	Remarks
For specific or detailed technical data of this product, please contact KG Team	

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This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriate use.