

Safety Data Sheet

Supaplus 35 - Gas Oil



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name	Supaplus 35 - Gas oil
Chemical product name	Preparation
Product type and main use	Gas Oil, industrial burner fuel
Supplier	Ukay Fuels Ltd Ukay House Inworth Road Kelvedon Essex CO5 9SE Tel: +44 (0) 1376 574 650 Fax: +44 (0) 1376 350 017

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	EC number	%	Symbol	Classification
Diesel,fuels	68334-30-5	269-822-7	variable	Carc. Cat. 3 Xn	R40 R65, R66
Kerosine (Petroleum)	8008-20-6	232-366-4	variable	Xn, Xi, N	R65, R38 R51/53

3. HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful: may cause lung damage if swallowed.

Repeated exposure may cause skin dryness or cracking. Carcinogen category 3.

4. FIRST AID MEASURES

Inhalation	Remove patient immediately from source of exposure. Get medical attention. Apply artificial respiration if breathing has ceased or shows signs of failing.
Skin Contact	Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least ten minutes. Get medical attention if any discomfort continues.
Ingestion	Do not give anything by mouth. Do not induce vomiting. Obtain immediate medical attention.

5. FIREFIGHTING MEASURES

Extinguishing Media	Water spray (fog), dry chemical powder or carbon dioxide.
Fire and Explosion Hazards	Flammable liquid, moderate hazard. Liquid can release vapours which readily form flammable mixtures at or above the flash point.
Special Procedures	Stop flow of material to fire. Respiratory and eye protection required for fire-fighting personnel exposed to fumes or smoke.
Hazardous Combustion Products	Fire creates a complex mixture of gases and airborne particles including carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Eliminate all sources of ignition. Ensure suitable personal protection during removal of spillages.
Environmental Precautions	Do not allow to enter drains or watercourses. If any liquid enters drains or watercourses inform the local authorities, Fire Brigade and Environment Agency.
Clean-up Methods	Contain spilled product with booms, sand or other suitable absorbent and remove mechanically into containers. Product remnants should be disposed of as hazardous waste.

7. HANDLING AND STORAGE

Keep away from sources of ignition. Do not breathe vapour. Avoid contact with skin and eyes.

Electrostatic charges may be generated during pumping and tank filling. Ensure electrical continuity of all equipment by proper bonding.

When handling indoors, ensure good ventilation.

Never enter a storage tank without breathing apparatus unless the tank has been well ventilated and gas checked.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredient Name	Occupational exposure limits
Oil Mist	EH40-OES (United Kingdom (UK), 2002) STEL: 10mg/m ³ 15 minutes TWA: 5 mg/m ³ 8 hours
Ventilation	Must not be handled in confined spaces unless well ventilated.
Protective Gloves	Chemical resistant gloves required for prolonged /repeated contact.
Eye Protection	Wear approved safety goggles.
Personal Hygiene	Wash at the end of each work shift and before eating or drinking. Wash promptly with soap and water if skin becomes contaminated. Promptly remove contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES - TYPICAL

Physical state:	liquid
Colour:	clear yellow-brown
Odour:	characteristic
Boiling Range:	180 - 400 C
Flash Point:	65 C
Auto Ignition Temperature:	c. 500 C
Density:	855 kg/m ³ at 15 C
Freezing Point:	-20 C
Viscosity, kinematic:	2 to 4 cSt at 40 C

10. STABILITY AND REACTIVITY

Stability:	No particular stability concerns. Avoid heat, sparks and flames.
Conditions to avoid:	Heating causes evaporation of flammable vapours.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Due to low viscosity there is a risk of aspiration if the product enters the lungs. Data shows that the product has a low order of toxicity following dermal and oral exposure. Dermal and oral LD ₅₀ >2000mg/kg.
Inhalation	Vapours may irritate eyes and respiratory system. Over exposure could cause nausea, headache and dizziness.
Skin Contact	Repeated exposure may cause skin dryness or cracking. May cause skin irritation. There is no indication that the product is a sensitizer.
Chronic toxicity	Harmful: possible risk of irreversible effects in contact with skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity data	No data available. Due to the low water solubility the product is not expected to cause acute aquatic toxicity.
Mobility	In soil and sediment the product will show low mobility with absorption being the predominant physical process. In water the product will float and spread over the surface.
Persistence	No data available. The product is not considered to be readily biodegradable.
Bioaccumulation	The product has a potential to bioaccumulate. Log Kow 3.9 – 6.
Other information	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. The product emits Volatile Organic Compounds to the atmosphere.

13. DISPOSAL CONSIDERATIONS

Methods of Disposal

Waste or residues	Recycling (redistillation) or incineration
Contaminated packaging	Through an authorized contractor or collector.
European Waste Catalogue (EWC)	130701
Hazardous Waste	It is recommended to treat product remnants as hazardous waste.

14. TRANSPORT INFORMATION

UN Number:	UN 1202
Packing Group:	III
Air Transport:	Class 3
Sea Transport:	Class 3
International Road/Rail: (ADR/RID)	Class 3 Classification Code M6 Hazard Identification Number 30
UK Road/Rail: (CDG/CPL Regs.)	Class 3 Emergency Action Code: 2Z Transport Category: 3

15. REGULATORY INFORMATION

EC Classification	HARMFUL DANGEROUS FOR THE ENVIRONMENT
Hazard Symbol	Carc. Cat. 3, Xn + N
Risk Phrases	R40: Limited evidence of a carcinogenic effect. R65: May cause lung damage if swallowed. R38: Irritating to skin R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R66: Repeated exposure may cause skin dryness or cracking.
Safety Phrases	S36/7: Wear suitable protective clothing and gloves. S61: Avoid release to the environment. Refer to special instructions/Safety data sheet. S62: If swallowed, do not induce vomiting: seek medical advice immediately
Product use	Classification and labeling have been carried out according to EU directives 67/548/EEC, 1999/45/EC including amendments and the intended use.

16. OTHER INFORMATION

The advice given in this safety data sheet reflects the current knowledge of the hazards and risks associated with the handling of the product. If the product is mixed with other materials the users shall take these into account in identifying any additional hazards and risks might arise.



Ukay Fuels Ltd

Ukay House, Threshelfords Business Park, Inworth Road, Feering, Kelvedon, Essex. CO5 9SE
t. +44 (0) 1376 574650 f. +44 (0) 1376 571235 e. enquiries@ukayfuels.co.uk

www.ukayfuels.co.uk