

MATERIALS SAFETY DATA BULLETIN (MSDB)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ATF DEXRON II

SUPPLIER: Granville Oil & Chemicals Ltd
29 Goldthorpe Industrial Estate
Goldthorpe
Rotherham
S63 9BL
England

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2. COMPOSITION/INFORMATION IN INGREDIENTS

INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

This product is not hazardous as defined by the EC Dangerous Substances/Preparations Directives.

3. HAZARDS IDENTIFICATION

EFFECTS OF OVER EXPOSURE: No significant effects expected.

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a doctor.
SKIN CONTACT: Wash contact areas with soap and water.
INHALATION: Not expected to be a problem.
INGESTION: Not expected to be a problem. However, if greater than 1/2 litre (pint) is ingested or if feeling uncomfortable, give 1 to 2 glasses of water and obtain medical attention or call an ambulance for assistance. DO NOT INDUCE VOMITING or give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water may be used to flush spills away from exposures. Prevent runoff from fire control or dilution from entering waterways or drinking water supply.

SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, firefighters MUST use self-contained breathing apparatus.

USUAL FIRE AND EXPLOSION HAZARDS: None.

NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills as requested to appropriate authorities such as the local Environmental Health Officer or Fire Brigade. If spills are likely to enter any drain, waterway or ground water, contact the Area Water Authority. In case of accident or road spill, contact the Police and Fire Brigade and, if appropriate, the Area Water Authority.

PROCEDURE IF MATERIAL IS RELEASED OR SPILLED: Contain and absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate licensed waste disposal site in accordance with current applicable laws and regulations and product characteristics at time of disposal.

ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering storm sewers or drains and contact with soil.

PERSONAL PRECAUTIONS: See Section 8

7. HANDLING AND STORAGE

HANDLING: No special precautions are necessary beyond normal good hygiene practices. See section 8 for additional personal protection advice when handling this product.

STORAGE: Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible material.

FURTHER ADVICE: Used engine crankcase lubricants contain harmful contaminants. Because of the effects observed in laboratory tests (see section 11), all persons who regularly handle used engine oil, such as engine mechanics and service station workers should take precautions to minimise contact with the oil. Good personal hygiene practices **MUST** be followed. Wash thoroughly any skin contact areas with soap and water. Remove oil soaked clothing and discard oil-soaked shoes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: No special requirements under ordinary conditions of use and with adequate ventilation.

RESPIRATORY PROTECTION: No special requirements under ordinary conditions of use and with adequate ventilation.

EYE PROTECTION: Normal industrial eye protection practices should be employed.

SKIN PROTECTION: No special equipment required. However, good personal hygiene practices should always be followed.

EXPOSURE LIMITS: This product does not contain any components which have recognized exposure limits. However, a threshold limit value of 5.00 mg/m³ is suggested for oil mist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.

PHYSICAL STATE	LIQUID
COLOUR	RED
ODOUR	TYPICAL
PH	N/A
BOILING POINT	N/A
MELTING POINT	N/A
FLASH POINT	210
FLAMMABILITY	N/A
AUTO FLAMMABILITY	N/A
EXPLOSIVE PRO	N/A
OXIDIZING PROP	N/A
VAPOUR PRESSURE	N/A
RELATIVE DENSITY	0.883
SOLUBILITY IN WATER	INSOLUABLE
PARTITION COEFFICIENT	N/A
VISCOSITY @ 100°C	6.8 CENTISTOKES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE.

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC):	Stable
CONDITIONS TO AVOID:	Extreme heat
ICOMPATIBILITY (MATERIALS TO AVOID):	Strong oxidisers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Metal oxides. Carbon monoxide. Elemental oxides.
HAZARDOUS POLYMERISATION:	Will not occur

11. TOXICOLOGICAL DATA

-----ACUTE TOXICOLOGY-----

ORAL TOXICITY:	Practically non-toxic (LD50: greater than 2000 mg/kg) Based on testing of similar products and/or the components.
DERMAL TOXICITY:	Practically non-toxic (LD50: greater than 2000 mg/kg) Based on testing of similar products and/or the components.
INHALATION TOXICITY:	Not applicable -- Harmful concentrations of mist and/or vapours are unlikely to be encountered through any customary or reasonably foreseeable handling, use, or misuse of this product.
EYE IRRITATION:	Practically non-irritating. (Draize score: greater than 6 but 15 or less)
SKIN IRRITATION:	Practically non-irritating. (Primary irritation index: greater than 0.5 but less than 3)
OTHER ACUTE TOXICITY DATA:	The acute toxicological results summarized above are based on testing of representative products. Representative formulations have shown no acute effects, administered via the inhalation route, when tested at maximum attainable oil mist or vapour concentrations.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS

Acute LC/EC50 Fish: Juvenile Rainbow Trout: Practically non-toxic --- Based on testing of similar products.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited by the controlling authority. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at any licensed disposal site. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

14. TRANSPORT INFORMATION

USA DOT: NOT REGULATED BY USA DOT.

IMO: NOT REGULATED BY IMO.

IATA: NOT REGULATED BY IATA.

15. REGULATORY INFORMATION

Hazard Label Data: This product is not classified as dangerous for supply in the UK.

EC Directives: Framework Waste Directive, 91/156/eec
Waste Oil Directive, 87/10/eec.

Statutory instruments: The Health and Safety at Work , etc. Act 1974. Consumer Protection Act 1987. Environmental Protection Act 1990. Control of Substances Hazardous to Health Regulations 1988 Chemicals (Hazard Information and Packaging) Regulations 1993.

16. OTHER INFORMATION

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet, may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.