

GREENLEE **TEXTRON**

Greenlee Textron Inc. / Subsidiary of Textron Inc.
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Subject: Material Safety Data Sheet Request

We've received your request for a Material Safety Data Sheet (MSDS) regarding the following product:

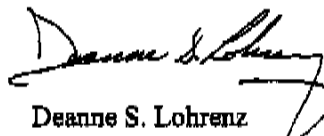
15-PBG Hydraulic Oil
Cat/UPC No. 4016 GB/51059 and 4017 GB/50806

The information contained in the enclosed Material Safety Data Sheet has been compiled from sources considered to be accurate and is given in good faith. However, no warranty, expressed or implied, is made. Since conditions of use and suitability of the product covered therein for particular uses are beyond our control, all risks of the use or misuse of the product covered therein are assumed by the user.

Adequate instruction should be provided to your employees and the product used properly.

Please contact us if we can be of further assistance.

Sincerely,


Deanne S. Lohrenz
Safety and Health Manager

Enclosure
As Stated

An ISO 9001 Company



11966 Brookfield • Livonia, MI 48150
(734) 427-5533 • DUNS 08-394-2052CHEMTREC
1-800-424-9300**15-PBG
MATERIAL SAFETY DATA SHEET**

ORIGIN DATE: 07-18-89

LAST REVISION DATE: 06-24-98

SECTION I - IDENTIFICATION

PRODUCT TRADE NAME... 15-PBG HMIS: 0 HEALTH
PRODUCT DESCRIPTION.. Hydraulic Fluid 1 FLAMMABILITY
CHEMICAL FAMILY..... Petroleum Oil 0 REACTIVITY
UN/NA NUMBER..... Not Regulated B PERSONAL PROTECTION

SECTION II - COMPONENTS

This product does not contain hazardous ingredients as defined by 29 CFR 1910.1200 and/or 49 CFR Part 172. It does not contain any known ozone-depleting compounds, nor does it contain any known carcinogens.

SECTION III - PHYSICAL DATA

PHYSICAL STATE..... Liquid SPECIFIC GRAVITY.....0.88
VAPOR PRESSURE..... 5 mm Hg @ 20C BULK DENSITY.....7.33 lb/gal
% VOLATILE..... Nil EVAPORATION RATE (H2O=1)...<1
BOILING POINT..... >600F FREEZING OR POUR POINT....<30 F
SOLUBILITY IN WATER.. Insoluble pH, CONCENTRATE.....N/A
ODOR AND APPEARANCE:. Amber color, mild petroleum odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD OF DETERMINATION: 360 F, CQC
FLAMMABLE LIMITS: LEL (% BY VOL)... No Data UEL (% BY VOL)... No Data
EXTINGUISHING MEDIA:
Dry chemical, foam, CO₂; Use water spray to keep surrounding containers and surfaces cool.
HAZARDOUS COMBUSTION PRODUCTS:
CO, and compounds with zinc, sulfur, and/or phosphorus in combination may be generated.
SPECIAL FIREFIGHTING PROCEDURES:
Use NIOSH-approved self-contained breathing apparatus when firefighting in confined areas. Use extreme caution when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Dense smoke may be generated while burning as a result of incomplete combustion.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:



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Pre-existing skin and respiratory tract disorders may be aggravated by overexposure to this product.

THRESHOLD LIMIT VALUE: 5 mg/m³ as mistPERMISSIBLE EXPOSURE LIMIT: 5 mg/m³ as mist

PRIMARY ROUTE(S) OF ENTRY: Skin contact, inhalation of mist

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT:

Flush immediately and thoroughly with copious quantities of water until any irritation subsides. If irritation persists, obtain medical assistance.

SKIN CONTACT:

Wash immediately and thoroughly with a mild soap and water. Apply moisturizing lotion if desired. Obtain medical assistance if any irritation persists.

INGESTION:

Obtain immediate medical assistance. Induce vomiting only under instruction from a physician. Never administer anything orally to an unconscious or convulsing person.

INHALATION:

Move to fresh air. Administer artificial respiration if breathing is difficult. Have trained person administer oxygen if breathing remains difficult. Obtain medical assistance.

SECTION VI - REACTIVITY DATA

STABILITY: Stable under normal storage, handling, and use conditions.

INCOMPATIBLE MATERIALS:

Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:

CO₂ and compounds containing zinc, sulfur, and/or phosphorus in combination may be generated.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN THE EVENT THE MATERIAL IS RELEASED OR SPILLED:

Contain spill and recover free liquid by pumping or absorption with a suitable material. Clean spill site with a mild detergent and rinse with clean water.

WASTE DISPOSAL PRECAUTIONS:

Residue from clean-up operations may be considered as hazardous due to the possible presence of other chemicals and therefore subject to specific regulations. Package, store, transport, and dispose of wastes in accordance with all applicable regulations.

CERCLA (SUPERFUND) REPORTABLE QUANTITY: None, as components or mixture

RCRA HAZARDOUS WASTE NO. (40CFR 261.33): Components or mixture are not listed

SECTION VIII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:



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Recommended only if mist concentration exceeds 5 mg/m³
VENTILATION:

Recommended only if mist concentration exceeds 5 mg/m³
PROTECTIVE GLOVES:

Impervious gloves made from natural or synthetic elastomers are recommended for handling and use.

EYE PROTECTION:

Any device which minimizes the chance of eye contact during handling and use is strongly recommended.

OTHER PROTECTIVE EQUIPMENT:

Impervious clothing and chemical resistant footwear should be used to minimize chance of skin contact. Discard contaminated apparel which cannot be decontaminated by normal means.

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PROCEDURES:

Store away from incompatible materials identified in Section VI. Store away from intense heat source or open flame. Keep container closed when not dispensing. Always wear protective apparel as described in Section VIII.

SECTION X - COMMUNITY RIGHT-TO-KNOW INFORMATION

SARA Title III Information (40 CFR 370 and 40 CFR 372):

SECTION 302: Not listed

SECTION 304: Not listed

SECTION 313: Not listed

SECTION XI - DISCLAIMER

This product complies with 29 CFR Part 1910, Subpart Z, Toxic and Hazardous Substances, Occupational Safety and Health Administration, (OSHA), 29 CFR 1910.1200 Federal Register 48, 53280-53348 25 November 83. This product also complies with the State of Michigan Occupational Safety and Health Act 154 of 1974, as amended. All components of this product are listed in the Toxic Substances Control Act (TSCA) chemical inventory.

SECTION XII - NON-WARRANTY

Due to a variety of factors and conditions which affect results, Argent Limited offers its products with no warranty of any kind, either expressed or implied, as to results obtained or to the effects derived from such use. Argent guarantees only as to formulated quality upon shipment from its plant.