



Material Safety Data Sheet

Issue Date: 26-JUN-2008
Supersedes: 05-OCT-2005

DIESELEX GOLD ULS

1 Identification

Identification of substance or preparation
DIESELEX GOLD ULS

Product Application Area
Multifunctional diesel fuel additive

Company/Undertaking Identification
GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053
T 215 355-3300, F 215 953 5524

Emergency Telephone
(800) 877-1940

Prepared by Product Stewardship Group: T 215-355-3300 Prepared on: 26-JUN-2008

2 Hazard(s) identification

EMERGENCY OVERVIEW

WARNING

May cause moderate irritation to the skin. May cause dermatitis.
May be absorbed. Severe irritant to the eyes. Vapors, gases, mists
or aerosols may cause irritation to the upper respiratory tract.
Prolonged exposure may cause dizziness and headache.

DOT hazard: Flammable liquid
Odor: Hydrocarbon; Appearance: Yellow To Amber, Liquid

Fire fighters should wear positive pressure self-contained breathing
apparatus(full face-piece type). Proper fire-extinguishing media:
dry chemical, carbon dioxide, or foam--Water spray should be used
only to cool fire-exposed containers and disperse vapors.

POTENTIAL HEALTH EFFECTS

ACUTE SKIN EFFECTS:

Primary route of exposure; May cause moderate irritation to the
skin. May cause dermatitis. May be absorbed.

ACUTE EYE EFFECTS:

Severe irritant to the eyes.

ACUTE RESPIRATORY EFFECTS:

Primary route of exposure; Vapors, gases, mists or aerosols may cause irritation to the upper respiratory tract. Prolonged exposure may cause dizziness and headache.

INGESTION EFFECTS:

May cause gastrointestinal irritation with possible nausea, vomiting, headache, dizziness, unconsciousness and injury to the kidneys and liver. Small amounts aspirated during ingestion/vomiting may cause lung injury, possibly death.

TARGET ORGANS:

Prolonged or repeated exposure may cause CNS depression, defatting-type dermatitis, and/or toxicity to the liver, kidney and nervous system. Product or product component may increase risk of cancer.

MEDICAL CONDITIONS AGGRAVATED:

Pre-existing skin, respiratory tract, liver, or kidney disorders.

SYMPTOMS OF EXPOSURE:

Excessive skin contact may cause defatting or drying of skin.
Excessive inhalation of vapors may cause dizziness, headache and nausea.

2) HAZARD (S) IDENTIFICATION

EMERGENCY OVERVIEW

WARNING

May cause moderate irritation to the skin. Absorbed by the skin.
May cause dermatitis. Severe irritant to the eyes. Vapors, gases, mists or aerosols may cause irritation to the upper respiratory tract. Prolonged exposure may cause dizziness and headache.

DOT hazard: Combustible, Marine Pollutant
Odor: Slight Hydrocarbon; Appearance: Amber, Liquid

Fire fighters should wear positive pressure self-contained breathing apparatus (full face-piece type). Proper fire-extinguishing media: dry chemical, carbon dioxide, foam or water

POTENTIAL HEALTH EFFECTS

ACUTE SKIN EFFECTS:

Primary route of exposure; May cause moderate irritation to the skin. Absorbed by the skin. May cause dermatitis.

ACUTE EYE EFFECTS:

Severe irritant to the eyes.

ACUTE RESPIRATORY EFFECTS:

Primary route of exposure; Vapors, gases, mists or aerosols may cause irritation to the upper respiratory tract. Prolonged exposure may cause dizziness and headache.

INGESTION EFFECTS:

May cause gastrointestinal irritation. Small amounts aspirated during ingestion or vomiting may cause lung injury, possibly leading to death.

TARGET ORGANS:

Prolonged or repeated exposures may cause CNS depression and/or defatting-type dermatitis. Product or product component may increase the risk of cancer.

MEDICAL CONDITIONS AGGRAVATED:

Not known.

SYMPTOMS OF EXPOSURE:

Inhalation of vapors, mists or aerosols may cause respiratory tract irritation (headache and nausea) in poorly ventilated areas.

3 Composition / information on ingredients

Information for specific product ingredients as required by the U.S. OSHA HAZARD COMMUNICATION STANDARD is listed. Refer to additional sections of this MSDS for our assessment of the potential hazards of this formulation.

HAZARDOUS INGREDIENTS:

Cas#	Chemical Name	Range (w/w%)
91-20-3	NAPHTHALENE Irritant; absorbed by skin; sensitizer; possible human carcinogen (IARC=2B; NTP=anticipated); toxic to liver, kidney, and blood; causes nasal tumors in rats	0.1-1.0
27247-96-7	2-ETHYL HEXYL NITRATE Reactive- heated above 212F causes self-accelerating, exothermic reaction; irritant (respiratory)	60-100
34590-94-8	DIPROPYLENE GLYCOL METHYL ETHER Combustible	5-10
64742-94-5	SOLVENT NAPHTHA, PETROLEUM, HEAVY AROMATIC Combustible liquid; irritant (eyes)	1-5

4 First-aid measures

SKIN CONTACT:

URGENT! Wash thoroughly with soap and water. Remove contaminated clothing. Get immediate medical attention. Thoroughly wash clothing before reuse.

EYE CONTACT:

Remove contact lenses. Hold eyelids apart. Immediately flush eyes with plenty of low-pressure water for at least 15 minutes. Get immediate medical attention.

INHALATION:

Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get immediate medical attention.

INGESTION:

Do not feed anything by mouth to an unconscious or convulsive victim. Do not induce vomiting. Immediately contact physician.

Dilute contents of stomach using 2-8 fluid ounces (60-240 mL) of milk or water.

NOTES TO PHYSICIANS:

This product contains a hydrocarbon solvent. Aspiration into the lungs will result in chemical pneumonia and may be fatal.

5 Fire-fighting measures

FIRE FIGHTING INSTRUCTIONS:

Fire fighters should wear positive pressure self-contained breathing apparatus (full face-piece type).

EXTINGUISHING MEDIA:

dry chemical, carbon dioxide, foam or water

HAZARDOUS DECOMPOSITION PRODUCTS:

oxides of carbon and nitrogen

FLASH POINT:

165F 74C P-M(CC)

MISCELLANEOUS:

Combustible, Marine Pollutant

NA 1993;Emergency Response Guide #128

6 Accidental release measures

PROTECTION AND SPILL CONTAINMENT:

Ventilate area. Use specified protective equipment. Contain and absorb on absorbent material. Place in waste disposal container. Remove ignition sources. Flush area with water. Spread sand/grit.

DISPOSAL INSTRUCTIONS:

Water contaminated with this product may be sent to a sanitary sewer treatment facility, in accordance with any local agreement, a permitted waste treatment facility or discharged under a permit. Product as is - Incinerate or land dispose in an approved landfill.

7 Handling and storage

HANDLING:

Combustible. May undergo a self-accelerating, exothermic reaction if heated above 100C/212F. Rupture of storage vessels and fire should be anticipated in case of such temperature.

STORAGE:

Keep containers closed when not in use. Store in a cool, dry, well-ventilated area away from sources of ignition.

8 Exposure controls / personal protection

EXPOSURE LIMITS

CHEMICAL NAME

NAPHTHALENE

PEL (OSHA): 10 PPM

TLV (ACGIH): 10 PPM

2-ETHYL HEXYL NITRATE

PEL (OSHA): NOT DETERMINED

TLV (ACGIH): NOT DETERMINED

MISC: Note: manufacturer's recommended exposure limit: 1ppm TWA 8.

DIPROPYLENE GLYCOL METHYL ETHER

PEL (OSHA): 100 PPM-SKIN(150PPM-STEL)

TLV (ACGIH): 100 PPM-SKIN(150PPM-STEL)

SOLVENT NAPHTHA, PETROLEUM, HEAVY AROMATIC

PEL (OSHA): NOT DETERMINED

TLV (ACGIH): NOT DETERMINED

MISC: Note- manufacturer's recommended exposure limit: 100 ppm.

ENGINEERING CONTROLS:

Adequate ventilation to maintain air contaminants below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

Use protective equipment in accordance with 29CFR 1910 Subpart I

RESPIRATORY PROTECTION:

A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA'S 29 CFR 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

USE AIR PURIFYING RESPIRATORS WITHIN USE LIMITATIONS ASSOCIATED WITH THE EQUIPMENT OR ELSE USE SUPPLIED AIR-RESPIRATORS.

If air-purifying respirator use is appropriate, use a respirator with organic vapor cartridges.

SKIN PROTECTION:

gauntlet-type rubber, butyl or neoprene gloves, chemical resistant apron -- Wash off after each use. Replace as necessary.

EYE PROTECTION:

splash proof chemical goggles

9 Physical and chemical properties

Density	8.0 lbs/ga	Vapor Pressure (mmHG)	9.0
Freeze Point (F)	< -40	Vapor Density (air=1)	< 1.00
Freeze Point (C)	< -40		
Viscosity(cps 70F,21C)	10	% Solubility (water)	< 0.1

Odor	Slight Hydrocarbon
Appearance	Amber
Physical State	Liquid
Flash Point	P-M(CC) 165F 73C
pH :	No Data
Evaporation Rate (Ether=1)	< 1.00
Percent VOC:	ND

NA = not applicable ND = not determined

10 Stability and reactivity

STABILITY:

Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Avoid temperatures above 100C/212F, strong oxidizers and reducing agents.

DECOMPOSITION PRODUCTS:

oxides of carbon and nitrogen

INTERNAL PUMPOUT/CLEANOUT CATEGORIES:

"B"

11 Toxicological information

No Data Available.

12 Ecological information

AQUATIC TOXICOLOGY

No Data Available.

BIODEGRADATION

No Data Available.

13 Disposal considerations

If this undiluted product is discarded as a waste, the US RCRA hazardous waste identification number is :
Not applicable.

Please be advised; however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

14 Transport information

DOT HAZARD:

Combustible, Marine Pollutant

PROPER SHIPPING NAME:

COMBUSTIBLE LIQUID,
N.O.S.(2-ETHYLHEXYL NITRATE,
NAPHTHALENE)
NA 1993 PG III RQ MARINE POLLUANT

DOT EMERGENCY RESPONSE GUIDE #: 128

Note: Some containers may be DOT exempt, please check BOL for exact container classification

15 Regulatory information

TSCA:

All components of this product are included on or are in compliance with the U.S. TSCA regulations.

CERCLA AND/OR SARA REPORTABLE QUANTITY (RQ):

4,780 gallons due to NAPHTHALENE; Treat as oil spill

SARA SECTION 312 HAZARD CLASS:

Immediate(acute);Delayed(Chronic);Fire;Reactive

SARA SECTION 313 CHEMICALS:

CAS#	CHEMICAL NAME	RANGE
91-20-3	NAPHTHALENE	0.1-1.0%

CALIFORNIA REGULATORY INFORMATION**CALIFORNIA SAFE DRINKING WATER AND TOXIC****ENFORCEMENT ACT (PROPOSITION 65):**

This product contains one or more ingredients known to the state of California to cause cancer.

MICHIGAN REGULATORY INFORMATION

CAS#	CHEMICAL NAME
91-20-3	NAPHTHALENE

16 Other information

NFPA/HMIS**CODE TRANSLATION**

Health	2	Moderate Hazard
Fire	2	Moderate Hazard
Reactivity	1	Slight Hazard
Special	NONE	No special Hazard
(1) Protective Equipment	B	Goggles,Gloves

(1) refer to section 8 of MSDS for additional protective equipment recommendations.

CHANGE LOG

	EFFECTIVE DATE	REVISIONS TO SECTION:	SUPERCEDES
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MSDS status:	05-OCT-2005		** NEW **
	26-JUN-2008	2,3,4,5,8,10	05-OCT-2005