

DRD**MATERIAL SAFETY DATA SHEET****Product and Company Identification**Material name **BD 0938 HF**Finalized on **April 10, 2010**

CAS-No. Mixture

Product use **Additive for Distillate Fuels such as Diesel Fuel**Company information **DRD ASSOCIATES, INC.
1194 NORTH CREST DRIVE
ROCKFORD, IL 61107**

**For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night**

**Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)**

For information regarding the MSDS contact the MSDS Manager. For Technical Information or Literature contact Customer Service.

Composition / Information on Ingredients

Ingredient:	%WW	CAS NO.
Petroleum distillate	80-100	64742-47-8

Hazards Identification**Potential short term health effects****Eyes MAY CAUSE IRRITATION, REDNESS, TEARING & BLURRED VISION****Skin MAY CAUSE IRRITATION, PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN.****SYMPTOMS INCLUDE REDNESS, BURNING, SKIN BLISTERING, DRYING AND CRACKING OF SKIN.****Inhalation IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION.****KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.****Ingestion HARMFUL IF LARGE AMOUNTS ARE SWALLOWED. CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS, WHICH CAN BE FATAL.****First Aid Measures?****Eye contact** Flush eyes with water as a precaution. If irritation persists get medical attention.**Skin contact** Wash with soap and water. Get medical attention if irritation develops or persists.**Inhalation IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR, IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.****Ingestion DO NOT INDUCE VOMITING. KEEP INDIVIDUAL WARM, QUIET AND GET MEDICAL ATTENTION.****Notes to physician** Not established.**5. Fire Fighting Measures****Flash Point****General fire hazards****Unusual fire & explosion hazards****Hazardous combustion products**

Fire fighting equipment/instructions

Special protective equipment for firefighters

Extinguishing media which must not be used for safety reasons

175 F Cleveland Open Cup

Not a fire hazard. Not established.

Not established.

In the event of fire, wear self contained breathing apparatus AND FULL FACEPIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE.

WEAR SPLASH GOGGLES, WEAR RESISTANT GLOVES AND IMPERVIOUS CLOTHING

FOAM, WATER FOG, DRY CHEMICAL OR CO2

Specific methods Not established.

6. Accidental Release Measures

Evacuation procedures Containment procedures

Personal precautions

Environmental precautions Methods for cleaning up

Spill or leak procedure

Stay upwind. Keep unnecessary personnel away.

Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas.

Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Runoff from fire control or dilution water may cause pollution.

Attempt to reclaim the free product, if this is possible. Soak up with oil absorbent material. or Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Prevent product from entering drains.

Not established.

7. Handling and Storage?

Handling Do not get this material in contact with skin or eyes. Do not breathe gas/fumes/vapor/spray. Do not handle or store near an open flame, heat or other sources of ignition.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Special packaging materials Not established.

Material Name BD 0938 Print Date 12/22/2006 (MSDS US)

#6090 3 / 5

Personal protective equipment

Respiratory protection No personal respiratory protective equipment normally required.

Hand protection Impervious gloves.

Eye protection Wear safety glasses with side shields.

Skin and body protection Wear suitable protective clothing.

General No special protective equipment required.

Engineering measures to reduce exposure

Control parameters Hygiene measures

Environmental exposure controls

Not established.

Not established.

Handle in accordance with good industrial hygiene and safety practice.

Not established.

Physical & Chemical Properties

Form Liquid.

Color brown

Odor LIGHT SOLVENT

Appearance CLEAR

Oxidizing properties Not established.

Specific Gravity 0.9 @ 25C

FLASH POINT (CC) 175 F

AUTO IGNITION TEMP 980 F

NFPA RATING HEALTH-1;FLAMMABILITY-2;REACTIVITY-0

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Chemical Stability & Reactivity Information

Stability Stable at normal conditions of use.

Conditions to avoid Avoid high temperatures.

Hazardous decomposition products Carbon oxides.

Hazardous polymerization Will not occur.

Incompatibility Strong acids, alkalies and oxidizing agents.

Materials to avoid None known.

Toxicological Information

Toxicological information SEE PARAGRAPH 3.

Acute Toxicity SEE PARAGRAPH 3.

Local effects May cause eye/skin irritation. May cause irritation of respiratory tract.

Component analysis SEE PARAGRAPH 3 .

Pre-existing conditions aggravated by exposure Not established.

Synergistic materials Not established.

Epidemiology Not established.
Neurotoxicity Not established.
Carcinogenicity **SEE PARAGRAPH 3**
Mutagenicity Not established.
Teratogenicity Not established.
Chronic toxicity None known.
Subchronic toxicity Not established.
Human experience Not established.
Symptoms and target organs Not established.
Further information This product has no known adverse effect on human health.
Reproductivity Not established.
Routes of exposure Skin contact. Inhalation. Ingestion

Ecological Information

Ecotoxicity Not established.
Environmental effects Ecological injuries are not known or expected under normal use.
Persistence / degradability Not established.
Bioaccumulation Not established.
Aquatic toxicity Not established.
Partition coefficient Not established.

Disposal Considerations

Waste Codes Not established.
Disposal instructions Dispose in accordance with all applicable regulations.
Waste from residues / unused products Not established.
Contaminated packaging Not established.

Transportation Information

DOT classification Non hazardous
UN NUMBER NA
HAZARD CLASS None required

Regulatory Information?

Inventory status

Country(s) or Region	Inventory Name	On Inventory (Yes/No)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (CCS)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of (ELINCS)	No
Japan	Japanese Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Korean Inventory of Chemicals (KICS)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

International regulations Not established.
US Federal Regulations Not established.
State Regulations and Health Administration (OSHA) Not established. **Occupational Safety and Health Administration (OSHA)**
1910.H.119 PSM Highly Not Listed

Hazardous Chemicals

1910.Z.1200 Hazardous Chemical Not Listed (See Section 2)

EPA

CERCLA 302.4 List of Hazardous Substances Not Listed

CWA 116.4 List of Hazardous Substances Not Listed

CERCLA 372 SARA Title III 313 Toxic Chemicals/Categories Not Listed

CAA Hazardous Air Pollutant Not Listed

Immediate Hazard - No

CERCLA SARA Title III 311/312 Hazard Categories Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

WHMIS Status Non-controlled

HMIS Ratings Health 1

Flammability Classification 2
Physical 0
Pers. Prot B

NFPA Ratings Health 1

Flammability Classification 2
Instability 0

Labelling Not established.

Other Information?

Disclaimer Not established.

Recommended use Not established.

Recommended restrictions Not established.

Further information Not established.

Material Name BD 0938 HF **Print Date** 04/10/10