

**MATERIAL SAFETY DATA SHEET**

Emergency Assistance: DUMONDE 425-806-0948

-----  
**SECTION I PRODUCT IDENTIFICATION**

MATERIAL IDENTITY: **BL 154 75W-90  
TRANSMISSION OIL**

PRODUCT CODES: 6002

COMPANY: DUMONDE DESIGN GROUP INC P.O. BOX 3262 KIRKLAND WA. 98083-  
ADDRESS: 3262

-----  
**SECTION 2 PRODUCT/INGREDIENTS**

CAS #	CONCENTRATIO N	INGREDIENTS
Mixture 68649- 12-7 Proprietary Mixture Proprietary	100 %weight 50 - 59.99 %weight 20 - 29.99 %weight 10 - 19.99 %weight I - 2.99 %weight	Hydraulic Oil Synthetic hydrocarbon base oil Polyisobutylene additive Highly refined petroleum distillates Additives

-----  
**SECTION 3 HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

Appearance &amp; Odor: Pale liquid Slight Hydrocarbon Odor

Health Hazards: No known immediate health hazards. High-pressure injection under the skin may cause serious damage.

Physical Hazards: No known physical hazards.

NFPA Rating (Health, Fire, Reactivity): 0, 1, 0

Hazard Rating: Least - 0 Slight - I Moderate - 2 High - 3

Extreme - 4

**Inhalation:**

Inhalation of vapors (generated at high temperatures only) or oil mist may cause mild irritation of the nose, throat, and respiratory tract.

**Eye Irritation:**

Lubricating oils are generally considered no more than minimally irritating to the eyes.

**Skin Contact:**

Lubricating oils are generally considered no more than minimally irritating to the skin. Prolonged and repeated contact may result in defatting and drying of the skin that may cause various skin disorders such as dermatitis, folliculitis or oil acne. Release of the material during high-pressure

applications may result in injection under the skin causing possible extensive tissue damage which is difficult to heal.

**Ingestion:**

Lubricating oils are generally no more than slightly toxic if swallowed.

**Other Health Effects:**

The International Agency for Research on Cancer (IARC) has determined there is sufficient evidence for the carcinogenicity in experimental animals of used gasoline motor oils. Handling procedures and safety precautions in the MSDS should be followed to minimize exposure to the used product.

**Signs and Symptoms:**

Irritation as noted above. Local necrosis is evidenced by delayed onset of pain and tissue damage a few hours following injection.

**Aggravated Medical Conditions:**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

For additional health information, refer to section 11.

-----  
**SECTION 4 FIRST AID MEASURES**

**Inhalation:**

Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

**Skin:**

Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with water, then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment.

**Eye:**

Flush with water. If irritation occurs, get medical attention

**Ingestion:**

Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention.

**Note to Physician:**

In general, emesis induction is unnecessary in high viscosity, low volatility products such as oils and greases.

-----  
**SECTION 5 FIRE FIGHTING MEASURES**

Flash Point (Method]: 380 F -390 F/193.33 C -198.89 C ( Cleveland Open Cup)

**Extinguishing Media:**

Material will float and can be re-ignited on surface of water. Use water fog, 'alcohol foam', dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames. Do not use a direct stream of water.

---

**SECTION 6** ACCIDENTAL RELEASE MEASURES**Protective Measures:**

May burn although not readily ignitable.

Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8.

**Spill Management:**

FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels.

FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking container and seal tightly for proper disposal.

**Reporting:**

CERCLA: Product is covered by EPA's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) petroleum exclusion. Releases to air, land, or water are not reportable under CERCLA (Superfund).

CWA: This product is an oil as defined under Section 311 of EPA's Clean Water Act (CWA). Spills into or leading to surface waters that cause a sheen must be reported to the National Response Center, 1-800-424-8802.

---

**SECTION 7** HANDLING AND STORAGE**Precautionary Measures:**

Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles such as shoes or belts that cannot be decontaminated. Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Use explosion-proof ventilation to prevent vapor accumulation. Ground all handling equipment to prevent sparking.

**Storage:**

Store in a cool, dry place with adequate ventilation. Keep away from flames and high temperatures.

**Container Warnings:**

Keep containers closed when not in use. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers.

---

**SECTION 8** EXPOSURE CONTROLS/PERSONAL PROTECTION

Oil mist, mineral Oil      ACGIH TLV    TWA: 5 mg/m<sup>3</sup>      STEL: 10 mg/m<sup>3</sup>  
 mist, mineral              OSHA PEL    TWA: 5 m<sup>4</sup>/m<sup>3</sup>

#### EXPOSURE CONTROLS

Adequate ventilation to control airborne concentrations.

#### PERSONAL PROTECTION

Personal protective equipment (PPE) selections vary based on potential exposure conditions such as handling practices, concentration and ventilation. Information on the selection of eye, skin and respiratory protection for use with this material is provided below.

##### Eye Protection:

Chemical Goggles, or Safety glasses with side shields

##### Skin Protection:

Use protective clothing which is chemically resistant to this material. Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits and other items. The selections should take into account such factors as job task, type of exposure and durability requirements.

Published literature, test data and/or glove and clothing manufacturers indicate the best protection is provided by:

Neoprene, or Nitrile Rubber

##### Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134.

Types of respirators to be considered in the selection process include: For Mist: Air Purifying, R or P style NIOSH approved respirator.

For Vapors: Air Purifying, R or P style prefilter & organic cartridge, NIOSH approved respirator. Self-contained breathing apparatus.

---

## SECTION 9      PHYSICAL AND CHEMICAL PROPERTIES

---

Appearance & Odor: Pale liquid Slight Hydrocarbon Odor Substance Chemical

Family: Lubricants

Appearance: Pale liquid

Flash Point:              380 F - 390 F [Cleveland Open Cup]

Odor:              Slight Hydrocarbon Odor

Pour Point:              -55 F

Specific Gravity:              0. 8633 -

viscosity:              130 cSt - 140 cSt @ 40 OC

---

**SECTION 10** REACTIVITY AND STABILITY

-----  
Stability:

Material is stable under normal conditions.

Conditions to Avoid:

Avoid heat and open flames

Materials to Avoid:

Avoid contact with strong oxidizing agents

Hazardous Decomposition Products:

Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases will evolve when this material undergoes pyrolysis or combustion. Aldehydes, Carbon Monoxide, Carbon Dioxide, Ketones and other unidentified organic compounds may be formed upon combustion.

-----  
**SECTION 11** TOXICOLOGICAL INFORMATION

Acute Toxicity

Dermal LD50 3 g/kg(Rabbit) OSHA: Non-Toxic BL 154@ S 75W-90 Oral LD50 5 g/kg(Rat)

OSHA: Non-Toxic BL 154(D S 75W-90)

Carcinogenicity Classification Hydraulic Oil

NTP: No IARC: Not Reviewed

ACGIH: No OSHA: No

-----  
**SECTION 12** ECOLOGICAL INFORMATION

-----  
Environmental Impact Summary:

There is no ecological data available for this product. However, this product is an oil. It is persistent and does not readily biodegrade. However, it does not bioaccumulate.

-----  
**SECTION 13** DISPOSAL CONSIDERATIONS

-----  
RCRA Information:

Under RCRA, it is the responsibility of the user of the material to determine, at the time of the disposal, whether the material meets RCRA criteria for hazardous waste. This is because material uses, transformations, mixtures, processes, etc. may affect the classification. Refer to the latest EPA, state and local regulations regarding proper disposal.

-----  
**SECTION 14** TRANSPORT INFORMATION

-----

US Department of Transportation Classification

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also be subject to this rule.

International Air Transport Association Not regulated under IATA rules.

International Maritime Organization Classification  
Not regulated under International Maritime Organization rules

-----

**SECTION 15 REGULATORY INFORMATION**

FEDERAL REGULATORY

STATUS

OSHA Classification:

Product is hazardous according to the OSHA Hazard Communication Standard, 29 CFR 19.10.1200, because it carries the occupational exposure limit for mineral oil mist.

Ozone Depleting Substances (40 CFR 82 Clean Air Act):

This material does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances.

Superfund Amendment & Reauthorization Act (SARA) Title III

There are no components in this product on the SARA 302 list.

SA-RA Hazard Categories (311/312): Immediate

Health:NO Delayed Health:NO Reactivity:NO Fire:NO Pressure:NO

SARA Toxic Release Inventory (TRI) (313):

There are no components in this product on the SARA 313 list.

Toxic Substances Control Act (TSCA) Status:

All components of this material is(are) listed on the EPA/TSCA Inventory of Chemical Substances.

Other Chemical Inventories:

Component(s) of this material is (are) listed on the Canadian DSL

State Regulation

This material is not regulated by California Prop 65, New Jersey Right-to-Know Chemical List or Pennsylvania Right-To-Know Chemical List. However for details on your regulation requirements you should contact the appropriate agency in your state.

-----  
**SECTION 17 LABEL INFORMATION**

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR DISPOSING OF PRODUCT. THIS LABEL COMPLIES WITH THE REQUIREMENTS OF THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) FOR USE IN THE WORKPLACE. THIS LABEL IS NOT INTENDED TO BE USED WITH PACKAGING INTENDED FOR SALE TO CONSUMERS AND MAY NOT CONFORM WITH THE REQUIREMENTS OF THE CONSUMER PRODUCT SAFETY ACT OR OTHER RELATED REGULATORY REQUIREMENTS.

PRODUCT CODES: 6002

BL 154 75W-90

**ATTENTION!**

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE OIL ACNE OR DERMATITIS. HIGH-PRESSURE INJECTION UNDER SKIN MAY CAUSE SERIOUS DAMAGE. USED GASOLINE ENGINE OIL HAS BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS.

**Precautionary Measures:**

Avoid prolonged or repeated contact with eyes, skin and clothing. thoroughly after handling.

**FIRST AID**

**Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

**Skin Contact:** Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with water, then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment.

**Eye Contact:** Flush with water. If irritation occurs, get medical attention. **Ingestion:** Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention.

**FIRE**

In case of fire, Use water fog, 'alcohol foam', dry chemical or carbon

dioxide (CO2) to extinguish flames. Do not use a direct stream of water. Material will float and can be re-ignited on surface of water.

#### SPILL OR LEAK

Dike and contain spill.

FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels.

FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking container and seal tightly for proper disposal.

CONTAINS: Synthetic hydrocarbon base oil, 68649-12-7; Polyisobutylene additive, Proprietary; Highly refined petroleum distillates, Mixture; Additives, Proprietary

NFPA Rating (Health, Fire, Reactivity): 0, 1, 0 HMIS Rating (Health, Fire, Reactivity): 0, 1, 0

#### TRANSPORTATION

US Department of Transportation Classification

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also be subject to this rule.

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flames or heat. Keep container closed and drum bungs in place.

#### Name and Address

DUMONDE DESIGN GROUP INC  
P.O. BOX 3262  
KIRKLAND WASH 98083

TRANSPORTATION	DUMONDE	425-806-0948
EMERGENCY		
HEALTH	DUMONDE	425-806-0948
EMERGENCY		

THE INFORMATION CONTAINED IN THIS DATA SHEET IS BASED ON THE DATA AVAILABLE TO US AT THIS TIME, AND IS BELIEVED TO BE ACCURATE BASED UPON THAT : IT IS PROVIDED INDEPENDENTLY OF ANY SALE OF THE PRODUCT, FOR PURPOSE OF HAZARD COMMUNICATION. IT IS NOT INTENDED TO CONSTITUTE PRODUCT PERFORMANCE INFORMATION, AND NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND IS MADE WITH RESPECT TO THE PRODUCT, UNDERLYING DATA OR THE INFORMATION CONTAINED HEREIN. YOU ARE URGED TO OBTAIN DATA SHEETS FOR ALL PRODUCTS YOU BUY, PROCESS, USE OR DISTRIBUTE, AND ARE ENCOURAGED TO ADVISE THOSE WHO MAY COME IN CONTACT WITH