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BIRD DOG LEAK DETECTOR

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This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 1: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens, are identified with an asterisk (*) in this Section. For more information on exposure limits refer to 29 CFR 1910.1000.

| <u>Ingredient(s)</u> | <u>Exposure Limits</u> | <u>Percent</u> | <u>Note</u> |
|----------------------|------------------------|----------------|-------------|
|----------------------|------------------------|----------------|-------------|

The components of Bird Dog are a complex blend of surfactants classified under trade secret. No components of this product are believed to be hazardous, are listed in the NIOSH Recommendations for Occupational Safety and Health Standards, 1988, or are listed as hazardous by SARA, CERCLA, or RCRA. No OSHA PELs are established for any of the ingredients.

SECTION 2: HAZARDS IDENTIFICATION

Permissible Exposure Limits: OSHA PEL: Not Established ACGIH PEL: Not Established

Effects of Acute Overexposure:

Eyes: Irritation may occur with prolonged exposure to concentrated vapors. Liquid is a contact irritant. May cause corneal inflammation. Medium hazard by this route.

Skin: Repeated or prolonged contact can cause reddening of the skin, scaling, and dermatitis. Low hazard by this route.

Breathing: This material is a negligible hazard due to its low volatility. If vapor is present in high concentrations, irritation to upper respiratory tract may occur.

Swallowing: Low order of toxicity. No hazard by this route in normal use.

Primary Route(s) of Entry: Skin contact, eye contact, and inhalation.

Effects of Chronic Overexposure: N/A

Medical Conditions Aggravated by Exposure: N/A

SECTION 3: FIRST AID MEASURES

Eyes: Immediately flush eyes with water for at least 15 minutes while holding eyelids apart. Seek medical attention if irritation persists.

Skin: Wash exposed area with soap and water.

Breathing: If affected, remove individual to fresh air.

Swallowing: Do not give liquids if victim is unconscious or very drowsy. Otherwise, give no more than two glasses of water and induce vomiting. Get medical attention.

Carcinogenicity: NTP: no IARC: no OSHA regulated: no

SECTION 4: FIRE FIGHTING MEASURES

Flash Point: n/a **Explosive Limit:** n/a

Extinguishing Media: water fog, carbon dioxide, dry chemical

Hazardous Decomposition Products: n/a

Fire Fighting Procedures: use self contained breathing apparatus if fighting fire in confined spaces.

Special Fire and Explosion Hazards: none

SECTION 5: ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Collect with absorbent material or pick up mechanically. Rinse affected area with water.

Waste Disposal Method: Dispose as non-hazardous waste in accordance with local regulations.

SECTION 6: HANDLING AND STORAGE

Store at ambient temperature in closed container to prevent evaporation. May be stored at temperatures to -35°C to 60°C without deterioration.

Product not affected by freezing; however, container may not resist expansion. Product is a cleaner and degreaser. Although components have very low hazard levels, the product will remove oils from the skin. Avoid prolonged skin contact.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Not required

Ventilation: Under ordinary conditions of use for its intended purpose, no special ventilation is required.

Protective Gloves: Wear if there is prolonged contact with skin. Gloves not required for incidental contact.

Eye Protection: Wear if needed to prevent reasonable probability of eye contact.

Other Protective Equipment: Observe standard general work practices regarding ingestion, eye contact, and inhalation. Wash after using if there is reasonable probability of contact. Do not wear for prolonged periods non-impervious clothing that becomes wet.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

| Property | Measurement | Property | Measurement |
|-----------------|----------------------------|---------------------|-------------------------|
| Boiling Point | 212 ° F @ 760 mmHg | Specific Gravity | 1.03 @ 60°F (component) |
| Vapor Pressure | same as water | Solubility In Water | 100% |
| Appearance | yellow liquid, fresh scent | pH | 7.5 |

SECTION 9: STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur. **Stability:** Stable.

Incompatibility: Strong Oxidizers.

Hazardous Decomposition Products: Carbon Monoxide and Carbon Dioxide

SECTION 10: TOXICOLOGICAL INFORMATION

No data available at this time.

SECTION 11: ECOLOGICAL INFORMATION

No data available at this time.

SECTION 12: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Local, State, and Federal Regulations.

SECTION 13: TRANSPORTATION INFORMATION

Dot Hazard Classification: Non Hazardous

SECTION 14: REGULATORY INFORMATION

IMO Hazard Class and Number: Not Hazardous

US DOT Hazard Class: Not regulated by DOT

UN Number: not applicable

US DOT Identification Number: not applicable

IMO Description (IMDG Code): This product is not a dangerous good as defined by IMO in the IMDG Code for water transportation.

SECTION 15: OTHER INFORMATION

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of MSDS.