

## MATERIAL SAFETY DATA SHEET

<b>COMPANY NAME:</b> Dial Manufacturing, Inc. 25 S. 51st Avenue Phoenix, Arizona 85043 Tel. No.: (602) 278-1100	<b>NFPA Hazard Class:</b> Health Hazard: 0      0 = Least Flammability: 1      1 = Slight Reactivity: 0      2 = Moderate Other: 3 = High
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### I. PRODUCT IDENTIFICATION

<b>PRODUCT NAME:</b> ZOOM SPOUT OILER <b>Synonyms:</b> Turbine Oil <b>Generic Name:</b> Industrial Oil	<b>PRODUCT NUMBER:</b> Dial 5713
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### II. HAZARDOUS INGREDIENTS

<u>Ingredient/CAS Number</u>	<u>TLV</u>	<u>Units</u>	<u>Agency</u>	<u>Type</u>
CAS #64742-65-0 Oil Mist, if generated	5.00	MG/M3	OSHA	Full Term TWA

### III. EMERGENCY AND FIRST AID PROCEDURES

<b>Eye Contact:</b>	For direct contact, flush the affected eye(s) with clean water. If irritation or redness develops, seek medical attention.
<b>Skin Contact:</b>	Do not use gasolines, thinners or solvents to remove product from skin. Wipe material from skin and remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with soap and water and, if necessary, a waterless skin cleanser. If irritation or redness develops and persists, seek medical attention.
<b>Inhalation (Breathing):</b>	If irritation of nose or throat develops, move away from source of exposure and into fresh air. If irritation persists, seek medical attention. If victim is not breathing or if breathing difficulties develop, artificial respiration or oxygen should be administered by qualified personnel. Seek immediate medical attention.
<b>Ingestion (Swallowing):</b>	If victim is conscious and alert, give 2 to 3 cups of milk or water to drink. Seek medical attention. To Physician: Emesis or lavage is not recommended for ingestions of minute quantities or tastes of most hydrocarbons. Medical opinion is divided for larger ingestions. Emesis or lavage has been recommended for those petroleum products which have a high oral toxicity. Gastric lavage with a cuffed endotracheal tube is recommended by some physicians to prevent aspiration.

### IV. POTENTIAL ADVERSE HEALTH EFFECTS

<b>Eye Contact:</b>	This material may cause eye irritation. Direct contact may cause burning, tearing and redness.
<b>Skin Contact:</b>	This material may cause skin irritation. Prolonged or repeated contact may cause redness, burning and dermatitis.
<b>Inhalation (Breathing):</b>	Exposure to mists, or prolonged or repeated exposure to fumes or vapors that may be generated when this material is heated, may cause irritation of nose and throat.

<b>Ingestion (Swallowing):</b>	Accidental ingestion of this material may cause irritation of the digestive tract.
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#### V. SPECIAL PROTECTION INFORMATION

<b>Ventilation:</b>	If current ventilation practices are not adequate in maintaining airborne concentrations below the established exposure limits (see Section I), additional ventilation or exhaust systems may be required.
<b>Respiratory Protection:</b>	If airborne concentrations exceed recommended exposure limits, a suitable filter-type respirator should be worn (see Section I).
<b>Protective Gloves:</b>	The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.
<b>Eye Protection:</b>	Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.
<b>Other Protective Equipment:</b>	It is suggested that a source of clean water be available in work area for flushing eyes and skin. Barrier creams that are specific for oil-based materials are recommended when gloves are impractical.

#### VI. REACTIVITY DATA

<b>Stability:</b>	Stable
<b>Conditions to Avoid (Stability):</b>	Avoid contact with any source of ignition.
<b>Incompatibility (Materials to Avoid):</b>	Avoid contact with strong oxidizing agents. Extended exposure to high temperatures may cause decomposition.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition in the presence of air may yield amounts of oxides of carbon and minor amounts of oxides of sulphur and nitrogen.
<b>Hazardous Polymerization:</b>	Will not occur.

#### VII. SPILL OR LEAK PROCEDURES

<b>Precautions in Case of Release or Spill:</b>	Collect leaking liquid in sealable containers. Absorb spilled liquid in sand or inert absorbent. Contact fire authorities and appropriate State/Local agencies. If spill of any amount is made into or upon U.S. navigable waters, the contiguous zone, or adjoining shorelines, notify Coast Guard National Response Center (phone number 800-424-8802).
<b>Waste Disposal Method:</b>	Dispose of produce in accordance with Local, County, State and Federal regulations.

#### VIII. STORAGE AND SPECIAL PRECAUTIONS

<b>Handling and Storage Precautions:</b>	Store in a cool, dry location. Keep away from incompatible materials (See Section V). Avoid generating oil mist while handling. Avoid prolonged or repeated skin contact. Wash thoroughly after handling. Do not wear oil-soaked clothing or shoes.
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#### IX. FIRE AND EXPLOSION HAZARD DATA

DOT Flammability Classification: Not Regulated	Flash Point: 388, COC F 188C
<b>Extinguishing Media:</b>	Extinguish with dry chemical, CO <sup>2</sup> , water spray, foam, sand or

	earth. Water and foam may cause frothing.
<b>Fire &amp; Explosion Hazards:</b>	This material will burn, but will not ignite readily.
<b>Fire Fighting Procedures:</b>	Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes. Move undamaged containers from fire area if you can do so without risk.

**X. PHYSICAL DATA**

<u>Approx. Boiling Range</u>	<u>Vapor Density</u>	<u>Evaporation Rate</u>	<u>% Volatile</u>
- Above 600 F (316) C	Heavier than Air	Slower than Ether	Negligible
<u>% Solubility in Water</u>	<u>Specific Gravity</u>	<u>Appearance</u>	<u>Odor</u>
Negligible	0.88	Clear, Yellow	Characteristic

**XI. TRANSPORTATION DATA**

<b>D.O.T.:</b>	Not Regulated
<b>Shipping Name:</b>	Not Applicable
<b>ID Number:</b>	None

**XII. DOCUMENTARY INFORMATION**

ISSUE DATE: JANUARY 1, 1987

**Disclaimer of Expressed and Implied Warranties**

The information in this document is believed to be correct as of the date issued.

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This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assumes the risk of use thereof.