

Advanced Auto-Lube

Automated Dental Handpiece Lubricant MSDS

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SECTION I - PRODUCT IDENTIFICATION

1. Manufacturer : Integrated Solutions, Inc.
2. Name : Advanced Auto-Lube
3. Formula : A proprietary non-toxic lubricant
4. Product use : For use in automated dental handpiece maintenance systems.
5. Toxicity : Not a controlled product
6. Transportation : DOT Hazard Class--Not Regulated

SECTION II - PHYSICAL DATA

1. Physical State : Liquid
2. Color/odor : Clear - Pleasant, nutty odor
3. Specific Gravity : < 1.0 @ 15 ° C
4. Vapor Pressure : < 0.5 mm
5. Evaporation Rate : Nil @ 25 ° C
6. Boiling Point : > 230 ° C
7. Freezing Point : < -60 ° C
8. Flash Point : > 176 ° C (350 ° F)
9. Sol. in Water : Nil.
10. pH : 7.4
11. Viscosity : 100 (SUS)

SECTION III - FIRE AND EXPLOSION DATA

1. Flammability: LOW HAZARD. Product is non-flammable at ambient temperature, liquid may burn at temperatures near the boiling point.
2. Extinguishing Agents: Dry chemical, CO₂, Water Spray, Foam, Water Fog and Sand Earth.

SECTION IV - REACTIVITY DATA

1. Chemical Stability : Stable
2. Reactivity : Nil
3. Incompatibility : Avoid contact with oxidizing agents

SECTION V - TOXICOLOGICAL PROPERTIES

1. LD50 Oral : < 1,000,000 mg/kg (calculated)
2. LD50 Dermal : 1,000,000 mg/kg (calculated)
3. Route of Entry:
 - a. Skin Contact, no entry into body through skin. Prolonged contact may cause mild irritation. No permanent injury.
 - b. Eye contact: Slight irritation to eyes but will not injure eye tissue.
 - c. Inhalation:: No inhalation dangers at room temperatures as there are no vapors.
 - d. Ingestion: No significant hazard. Minimal toxicity. Ingestion of large amounts may cause int
 - e. Carcinogenicity : None

SECTION VI - HEALTH HAZARD DATA

1. Permissible concentration: air 5 mg/m³ for mineral oil mist, re: OSHA
2. Eyes : Flush with water. If irritation continues, consult physician.
3. Skin : N/A
4. Inhalation : N/A
5. If swallowed : Call physician, do not induce vomiting.

SECTION VII - LEAKS OR SPILLS

Lock off leak and/or source of spill. Remove all sources of ignition and where possible, uncontaminated equipment/items. USE CAUTION AS EXPOSED SURFACES MAY BE EXTREMELY SLIPERY. Using saturation techniques, soak up leaked and/or spilled solutions with absorbent material. Dispose of saturated materials in accordance with Federal, State and local regulations.

SECTION VIII - PREPARATION OF MATERIAL

We believe the statements, technical information and recommendations contained herein are reliable, however they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.