

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29CFR1910.1200. Standard must be consulted for specific requirements.

Handpiece Conditioner

QUICK IDENTIFIER

Common Name:(used on label)

SECTION 1 -

Manufacturer's

Name Lares Research, Inc.

Address

295 Lockheed Ave.

City, State, and ZIP

Chico, CA 95973

Signature of Person

Responsible for Preparation

Thomas H. Lenzell

Emergency

Telephone No. 1-800-535-5053

Other Information

Calls 1-530-345-1767

Date

Prepared 9/28/95

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))

OSHA
PEL

ACGIH
TLV

%

CAS
NO.

Mixture:

USP Mineral Oil: mist in air 5mg/m³** 5mg/m³** 20-30 8042-47-5

Petroleum Naptha 400ppm* 400 ppm* 30-40 64742-48-9

Propane/Isobutane, C₃H₈ 1000ppm 1000 ppm 35-45 74-98-6/75-28-5

* PEL/TLV NOT ESTABLISHED. MANUFACTURERS SUGGESTED EXPOSURE LEVEL

** EXPOSURE LIMIT AS A MIST

NEPA Classification: Health = 1 Flammability = 4 Reactivity = 0 Other = None

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling

Point 202-230 °F

Specific

Gravity(H₂O=1) <1

Vapor

Pressure(mm Hg) 90 @ 100 °F

Solubility

in Water Negligible < 0.1%

Reactivity

in Water Non-Reactive

Vapor

Density(Air=1) 3.32

Appearance

and Odor Transparent with Hydrocarbon Odor

Melting

Point 0 °F

SECTION 4 - FIRE & EXPLOSION DATA

Flash

Point 20 °F

Method

CoC, ASTM D 56

Flammable Limits

in Air % by Volume

LEL

Lower 1.5

UEL

Upper 12

Auto-ignition

Temperature 392 °F, ASTM D 2155 Media

Extinguisher

Foam Dry Chemical, Carbon Dioxide, or Water Fog

Special Fire

Fighting Procedure Cool exposed containers with water. Use NIOSH/MSA approved self-

contained breathing apparatus for enclosed spaces.

Unusual Fire and

Explosive Hazards Do not mix or store with strong oxidants. Over-pressurization will occur if

container is exposed to fire.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable

Conditions

Stable

to Avoid

None noted

Incompatibility

(Materials to Avoid) Strong oxidizing agents such as nitric acid, hydrogen peroxide, liquid

chlorine and concentrated oxygen.

Hazardous

Decomposition Products

Incomplete combustion yields carbon monoxide & carbon dioxide.

Hazardous

May Occur

Conditions

None noted

Polymerization

Will Not Occur

to Avoid

SECTION 6 - HEALTH HAZARDS

1. Acute Oral Toxicity 2. Chronic Unknown

Signs and Symptoms of Exposure High vapor concentrations (> 1000ppm) are irritating to the eyes and respiratory tract, may cause headaches, dizziness, drowsiness, including death.

Medical Conditions Generally Aggravated by Exposure Skin contact may aggravate an existing dermatitis.

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes No L.A.R.C. Monographs Yes No OSHA Yes No

Emergency and First Aid Procedures Remove all contaminated clothing, wash areas with soap & water. If irritation persists, discontinue use and consult a physician.

ROUTES OF ENTRY

- 1. Inhalation If overcome by vapor, remove from area of exposure and call physician.
- 2. Eyes Flush with clear water for 15 minutes until irritation subsides.
- 3. Skin Remove all contaminated clothing and wash with soap and water.
- 4. Ingestion Call physician immediately, do not induce vomiting.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Don't handle or store near heat, flame, or strong oxidants.

Other Precautions Avoid breathing mist, do not ingest, launder soiled clothing before reuse.

Steps to be Taken in Case Material is Released or Spilled Recover liquid, wash remainder with suitable petroleum solvent or add absorbent. Advise authorities if release threatens life, environment, or property.

Waste Disposal Methods Assure conformity with local disposal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

Respiratory Protection (Specify Type) None required for normal use.

Ventilation Adequate Exhaust Recommended Mechanical (General) Acceptable Special N/A Other N/A

Protective Gloves Oil resistive, if required Eye Protection Wear protective eyewear

Other Protective Clothing or Equipment Oil resistive apron, if required

Work / Hygienic Practices Wash hands thoroughly after contact and prior to eating or smoking.