

MATERIAL SAFETY DATA SHEET for **HURCO** TECHNOLOGIES, INC.

LiquiSmoke™

SECTION I Product Identification

TRADE NAME:

Hurco LiquiSmoke™

GENERAL OR GENERIC ID: Hydrotreated Middle Distillate
DOT HAZARD CLASSIFICATION: NA
CHEMICAL FORMULA: Proprietary
This material is in compliance with the
Toxic Substances Control Act (15 USC 2601—2629).

SECTION II Composition, Information on Ingredients

INGREDIENT: Hydrotreated Middle Distillate
CAS #: 64742-46-7
PERCENT: 100

EXPOSURE INFORMATION
Ingredients ACGIH TLV STEL OSHA Pel STEL
Hydrotreated Middle Distillate 100 mg/m³ NA NA
Exposure limits expressed as 8-hour TWA concentrations in either parts
per million (ppm), or milligrams per cubic meter (mg/m³).

SECTION III Hazards Identification

ROUTES OF ENTRY
Inhalation: Yes
Skin: Yes
Ingestion: Yes

EXPOSURE EFFECTS
Symptoms of Exposure: Headache, drowsiness, eye, respiratory
or skin irritation, nausea, numbness.
Acute Exposure Effects: Ingestion may cause nausea, vomiting and
diarrhea.
Chronic Exposure Effects: Dermatitis, pneumonitis & pulmonary
edema.

MEDICAL CONDITION
Aggravated by Exposure: NA
Carcinogen Status: No
NTP: No
OSHA: No
IARC: No

CARCINOGENICITY STMT: According to IARC Monographs, severely
Hydrotreated oils, such as this product, are not considered carcinogenic.
Nevertheless, good industrial hygienic practices are recommended.

SECTION IV First Aid Measures

Emergency and First Aid Procedures
Remove from contaminated atmosphere. Give artificial respiration
if not breathing. Remove contaminated clothing. Thoroughly wash
affected areas with soap and water. In case of eye contact, flush
eyes with water for 10-15 minutes. SEEK IMMEDIATE MEDICAL
CARE.

If swallowed, DO NOT INDUCE VOMITING.

SECTION V Fire and Explosion Data

Flashpoint: 265°F.(129.43°C) COC
Autoignition Temperature: NA
LEL: NA
UEL: NA
Fire Fighting Procedures: SCBA may be required.
Extinguishing Media: CO₂, Dry Chemical, Foam
Unusual Fire & Explosion Hazards: Water may cause frothing.

SECTION VI Accidental Release Measures

SPILL/RELEASE INSTRUCTIONS
Eliminate all sources of ignition. Contain with earthen like or
petroleum absorbent material. Remove with grounded suction
pump to salvage container. Remove all contaminated materials.

SECTION VII Handling & Storage Information

Keep away from all ignition sources (e.g. heat, flame, sparks,
strong oxidizers). Bond and ground container.

SECTION VIII Exposure Controls/Personal Protection

Engineering Controls: No
Local Exhaust: To control vapors.
Mechanical Ventilation: For Confined Spaces.
Respiratory Protection: NIOSH approved organic vapor
respirator.
Eye Protection: Chemical goggles or face shield.
Glove Protection: PVC/equivalent resistant glove.
Work/Hygienic Practices: Always minimize body contact.
Wash areas of body contact
promptly. Use a PVC/equivalent
resistant apron where splash
potential exists.

SECTION IX Physical & Chemical Properties

Physical Appearance: Water white liquid
Product Odor: Negligible
Specific Gravity: <1
Solubility in Water: Insoluble
Boiling Point: 470°F 243.31°C
Freezing Point (F): NA
Melting Point (F): 30°F -1.11°C
Vapor Pressure: <0.1
Reference: mmHg@70°F

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