MATERIAL SAFETY
DATA SHEET for

Hurco LiquiSmoke™

TRADE NAME:
Hurco LiquiSmoke™

GENERAL OR GENERIC ID:
Hydrotreated Middle Distillate

CHEMICAL FORMULA:
Proprietary

This material is in compliance with the
Toxic Substances Control Act (15 USC 2601—2629).

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).

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 Hydro-treated oils, such as this product, are not considered carcinogenic. Nevertheless, good industrial hygiene practices are recommended.

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.

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

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.

EXPOSURE INFORMATION

Ingestion may cause nausea, vomiting and diarrhea.

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

Continued on back...
### SECTION X
**Stability & Reactivity Information**

**Stability:** Stable  
**Hazardous Polymerization:** Oxidizers  
**Materials to Avoid:** Heat & Flame  
**Hazardous Decomposition:** Carbon Monoxide and other petroleum decomposition products.

### SECTION XI
**Disposal Consideration**

**Waste Management:** Per Federal, State and local laws.

### SECTION IX
**Transportation Information**

**Proper Shipping Name:** NOT A DOT REGULATED MATERIAL  
(Packaging in excess of 3500 gal require an OIL SPILL prevention and response plan per 49 CFR 1).  
**Hazard Class:** NA  
**UN/NA Number:** NA  
**Packaging Group:** NA

All hazard precautions given in this data brochure must be observed. This brochure is for the unburnt LiquiSmoke Only. Test Data is available for LiquiSmoke “smoke” by contacting Hurco Technologies.

**LAST ISSUE DATE:** 01/10/07

**Questions Concerning LiquiSmoke**  
(8:00-5:00 Central Time) M-F  
**Please Call:** 1-800-888-1436

### SECTION XIII
**Regulatory Information**

**Hazardous under SARA Section a311:** Yes  
**Fire Hazard:** No  
**Sudden Release:** No  
**Immediate:** No  
**Reactive Hazard:** No  
**Delayed:** Yes  

**SARA Section 313 Listed Components:** None

### SECTION IX
**Other Information**

**NFPA 704M Rating**

- **NFPA Fire Code:** 1  
- **NFPA Health Code:** 1  
- **NFPA Reactivity Code:** 0  
- **NFPA Other:** Blank  

The information contained in this MSDS is believed to be accurate, but is not warranted to be, whether originated with Hurco Technologies or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to the circumstances.

**NFPA Key**

- 0 = Insignificant  
- 1 = Slight  
- 2 = Moderate  
- 3 = High  
- 4 = Extreme

### Definitions

- **DOT:** Department of Transportation  
- **CAS:** Chemical Abstract Service  
- **ACGIH:** American Conf. Of Governmental Industrial Hygienists  
- **OSHA:** Occupational Safety and Health Administration  
- **TLV:** Threshold Limit Value  
- **STEL:** Short Term Exposure Limit  
- **PEL:** Permissible Exposure Limit  
- **TWA:** Time Weighted Average  
- **NTP:** National Toxicology Program  
- **IARC:** International Agency for Research on Cancer  
- **LEL:** Lower Explosion Limit  
- **UEL:** Upper Explosion Limit  
- **SCBA:** Self Contained Breathing Apparatus  
- **CFR:** Code of Federal Regulations  
- **NFPA:** National Fire Protection Agency  
- **EPA:** Environmental Protection Agency

FOR ADDITIONAL NON-EMERGENCY MSDS INFORMATION CONTACT:

**HURCO TECHNOLOGIES, INC.**

P.O. BOX 70, HARRISBURG, SD 57032  
1-800-888-1436  
Fax #: (605) 743-2465  
E-mail: info@gethurco.com