

**MATERIAL SAFETY DATA SHEET for**

**Hurco LiquiSmoke™**

**SECTION I Product Identification**

**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).

**SECTION II Composition, Information on Ingredients**

**INGREDIENT:** Hydrotreated Middle Distillate

**CAS #:** 64742-46-7

**PERCENT:** 100

**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

**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

**UEL:** NA

**Extinguishing Media:** SCBA may be required.

**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

**Melted Point (F):** 30°F -1.11°C

**Vapor Pressure:** <0.1

**Reference:** mmHg@70°F
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 XII
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

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 XIV
Other Information
NFPA 704M Rating
NFPA Fire Code: 1
NFPA Health Code: 1
NFPA Reactivity Code: 0
NFPA Other: Blank

Section XV
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

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: 01/01/15

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

FOR ADDITIONAL
NON-EMERGENCY MSDS INFORMATION CONTACT:

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