



PLEASE NOTE: This information is for Hurco LiquiSmoke in LIQUID form ONLY.  
This does not pertain to the SMOKE form. Contact Hurco for that information.

## SECTION 1 IDENTIFICATION

Product Identifier	Hydrotreated Middle Distillate
Trade Name	Hurco LiquiSmoke™
Chemical Formula	Proprietary
Use	This product is intended for use in Hurco Smoke Testing Equipment.
Manufacturer/Distributor	Hurco Technologies, Inc. 409 Enterprise Street Harrisburg, SD57032 605-743-2466 info@hurcotech.com
Emergency Phone	CHEMTREC - 800-424-9300

## SECTION 2 HAZARD IDENTIFICATION

GHS Classification	Aspiration Hazard Category 1
Signal Word	DANGER!
Pictogram	
Hazard Statement	May be fatal if swallowed and enters airways.
Response	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.

This product is considered hazardous under 29 CFR 1919.1200

# SAFETY DATA SHEET

## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Hydrotreated Middle Distillate
CAS #	64742-46-7
Percent	100

## SECTION 4 FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation occurs.

**Skin Contact:** Remove contaminated clothing and shoes. Wash skin immediately and thoroughly with soap and water. Get medical attention if irritation develops. Wash clothing and shoes before reuse.

**Inhalation:** Move affected person to fresh air. Loosen tight clothing. If breathing is difficult, provide oxygen. If not breathing, provide artificial respiration. Get medical attention if adverse health symptoms persist or are severe.

**Ingestion:** Consult poison center/doctor immediately. Rinse mouth thoroughly if conscious. Do not induce vomiting. If vomiting occurs, keep head low so the vomit does not enter lungs.

Acute Exposure Effects	Ingestion may cause nausea, vomiting and diarrhea. May be fatal if swallowed and enters airway. May cause skin dryness or irritation.
Chronic Exposure Effects	Ingestion may cause nausea, vomiting and diarrhea. May cause skin dryness or irritation.
Physician Treatment	Treat symptomatically.

## SECTION 5 FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	CO2, Dry Chemical, Foam.
<b>Unsuitable Extinguishing Media</b>	Avoid solid water stream/jet which may spread fire.
<b>Fire Fighting Procedures</b>	Isolate scene. Wear appropriate protective equipment. SCBA may be required.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Eliminate all sources of ignition. Avoid walking through spilled product. Remove unnecessary personnel. Wear appropriate protective equipment when required.
<b>Environmental Precautions</b>	Prevent spilled material from entering sewers, drainage systems, waterways and soil. Contact proper authorities regarding possible contamination if necessary.
<b>Containment and Cleanup</b>	Contain with earthen like or petroleum absorbent material. Remove all contaminated materials to salvage container. Dispose of in accordance with local regulations. Smaller amounts of product may be diluted with water and mopped up.

## SECTION 7 HANDLING AND STORAGE

<b>Handling</b>	Do not eat, drink or smoke while handling product or in product storage areas.
<b>Storage</b>	Keep away from ignition sources. Store in original container or a properly labeled approved alternative. Keep container upright and tightly closed.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Ingredient</b>	Hydrotreated Middle Distillate
<b>Exposure Limits</b>	OSHA PEL: TWA 5 mg/m3 (8 hours) ACGIH TLV: TWA 5 mg/m3 (8 hours); STEL 10 mg/m3 (15 minutes)
<b>Appropriate Engineering Controls</b>	General ventilation. Local exhaust to control vapors. Mechanical ventilation for confined spaces.
<b>Personal Protective Equipment</b>	<b>Eye protection</b> - Chemical goggles or face shield. <b>Skin protection</b> - PVC/equivalent glove. PVC/equivalent apron where splash potential exists.
<b>Hygienic Practices</b>	Minimize body contact. Wash body contact areas promptly. Wash contaminated clothing.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear to light yellow liquid
<b>Odor</b>	Negligible
<b>Odor Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point</b>	30 °F
<b>Freezing Point</b>	Not available
<b>Boiling Point</b>	470 °F
<b>Flash Point</b>	252 °F
<b>Evaporation Rate</b>	Not available
<b>Flammability (Solid, Gas)</b>	Not available
<b>Upper/Lower Explosive Limits</b>	Not available
<b>Vapor Pressure</b>	<0.1
<b>Vapor Density</b>	Not available
<b>Relative Density</b>	0.85
<b>Solubility in Water</b>	Insoluble
<b>Partition Coefficient</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	3.6

## SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	Not known to be reactive under normal conditions.
<b>Stability</b>	Stable under normal conditions.
<b>Hazardous Reactions</b>	No hazardous reactions under normal conditions.
<b>Materials to Avoid</b>	Heat and flame
<b>Incompatible Materials</b>	Oxidizers and acids
<b>Hazardous Decomposition</b>	Carbon Monoxide and other petroleum decomposition products.

## SECTION 11 TOXICOLOGICAL INFORMATION

<b>Route of Exposure</b>	<b>Inhalation</b>
Related Symptoms	None known
Acute and Chronic Effects	None known
<b>Route of Exposure</b>	<b>Ingestion</b>
Related Symptoms	Nausea or vomiting
Acute and Chronic Effects	May be fatal if swallowed and enters airway
<b>Route of Exposure</b>	<b>Skin</b>
Related Symptoms	May cause irritation or dryness
Acute and Chronic Effects	May cause irritation or dryness
<b>Route of Exposure</b>	<b>Eye</b>
Related Symptoms	None known
Acute and Chronic Effects	None known
<b>Numerical measures of toxicity</b>	Oral LD Rat - >5000 mg/kg. Dermal LD50 - >2000 mg/kg
<b>Potential Carcinogen</b>	No

## SECTION 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not Available
<b>Persistence and Degradability</b>	Not Available
<b>Bioaccumulative Potential</b>	Not Available
<b>Mobility in Soil</b>	Not Available
<b>Other Adverse Effects</b>	Not Available

## SECTION 13 DISPOSAL CONSIDERATIONS

<b>Waste Management</b>	Dispose of per Federal, State and local laws. Avoid generation of waste wherever possible.
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## SECTION 14 TRANSPORT INFORMATION

<b>Proper Shipping Name</b>	Not a DOT regulated material
<b>UN/NA Number</b>	N/A
<b>Hazard Class</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	No
<b>Transport in Bulk</b>	Packaging in excess of 3500 gal require an OIL SPILL perversion and response plan per 49 CFR1
<b>Special Precautions</b>	Transport upright in closed containers.

## SECTION 15 REGULATORY INFORMATION

SARA Section 311	This product is may be subject to regulations under Section 311 of the Clean water Act and Oil Pollution Act. Release of this product into United States waters or adjoining shorelines must be reported to the National Response Center: 800-424-8802.
SARA Section 313	No components are listed
Fire Hazard	No
Sudden Release	No
Immediate	No
Reactive Hazard	No

## SECTION 16 OTHER INFORMATION

Issue Date	01/01/18
NFPA 704M Rating	
Flammability	1
Health	1
Instability	0
Special Hazards	Blank



**This SDS is for the unburnt LiquiSmoke ONLY.  
Test data is available for LiquiSmoke "smoke"  
by contacting Hurco Technologies.**

**Hurco Technologies, Inc.**  
409 Enterprise Street  
Harrisburg, SD 57032  
605-743-2466  
info@hurcotech.com  
**HURCO**TECH.COM

The information contained in this SDS 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. All hazard precautions given in this SDS must be observed.