



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

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

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Eliminate all sources of ignition. Avoid walking through spilled product. Remove unnecessary personnel. Wear appropriate protective equipment when required.
Environmental Precautions	Prevent spilled material from entering sewers, drainage systems, waterways and soil. Contact proper authorities regarding possible contamination if necessary.
Containment and Cleanup	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

Handling	Do not eat, drink or smoke while handling product or in product storage areas.
Storage	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

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

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10 STABILITY AND REACTIVITY

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

SECTION 11 TOXICOLOGICAL INFORMATION

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

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity	Not Available
Persistence and Degradability	Not Available
Bioaccumulative Potential	Not Available
Mobility in Soil	Not Available
Other Adverse Effects	Not Available

SECTION 13 DISPOSAL CONSIDERATIONS

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

Proper Shipping Name	Not a DOT regulated material
UN/NA Number	N/A
Hazard Class	N/A
Packaging Group	N/A
Environmental Hazards	No
Transport in Bulk	Packaging in excess of 3500 gal require an OIL SPILL perversion and response plan per 49 CFR1
Special Precautions	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	06/01/15
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
HURCOTECH.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.