



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name:** LVT 200
- **Product Description:** Hydrotreated light distillate
- **Manufacturer:** Deep South Chemical, Inc.
229 Millstone Road
Broussard, LA 70518 (337) 837-9931
- **For Emergency: Call CHEMTREC 1-800-424-9300 Outside the U.S.A. (703)-527-3887**
- **Contact Person:** Glenn Ray
- **MSDS Revised:** January 1, 2014
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SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	CAS Number	%	PEL(OSHA)		TLV(ACGIH)		IDLH
			TWA	STEL	TWA	STEL	
Hydrotreated light distillate	64742-47-8	100	N/E	N/E	N/E	N/E	N/E

SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Effects of overexposure

Inhalation: This product may cause irritation to nose, throat, and respiratory tract

Skin Contact: This product may cause irritation to the skin. Defatting of the skin can occur with frequent or long-term skin contact.

Eye Contact: Irritation to eyes.

Ingestion: There may be irritation of the mouth, throat, and digestive tract.

SECTION 4. FIRST AID MEASURES

Eyes: Move victim away from exposure and into fresh air. If irritation persists, seek medical attention. For direct exposure, flush with clean water for 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface.

Inhalation: Move victim away from source of exposure and into fresh air. If irritation persists, seek medical attention. If victim is not breathing, artificial respiration should be administered.

Skin: Remove contaminated clothes. Cleanse affected area thoroughly with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing.

Ingestion: Drink plenty water. Do not induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Fire fighting measures

Extinguishing Media: Use dry chemical, alcohol-resistant foam, or CO₂. Do not use water jet(may spread fire).

Decomposition/Combustion Products: Oxides of carbon.

Special Fire Fighting Procedures: Water spray to cool drums.

Explosive Properties:

LEL: 1.0%

UEL: 6.0%

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Use proper personal protective equipment. Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If

spill is indoors, ventilate area. Keep out of drains, sewers or waterways. Use sand or other inert material to contain and soak up spill.

Waste disposal method: Dispose of according to local, state and federal regulations in an approved disposal facility or recycling facility.

SECTION 7. HANDLING AND STORAGE

Storage: Store in a well-ventilated area. Keep container tightly closed when not in use. Store in cool, dry area. Keep away from sources of ignition.

Handling: Use proper personal protective equipment. Avoid contact with skin or eyes. Avoid breathing of vapors. Handle in well-ventilated workspace. When handling do not eat, drink, or smoke.

Other precautions: Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other sources of ignition.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Keep work area well ventilated.

Protective clothing: Impermeable gloves and impervious clothing as appropriate.

Eye protection: Chemical goggles where splashing may occur.

Respiratory Protection: Use appropriate respiratory protection when handling or in case of insufficient ventilation.

Special Protection: Safety shower, eye bath, and washing facilities should be available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity @ 77°F(H₂O = 1): 0.82-0.83

Flash Point (PMCC Method)(°F): >200

Vapor density (Air = 1): 6.2

Solubility: Insoluble in water

Vapor pressure @ 68°F: <0.1mmHg

Evaporation Rate: N/D

Appearance: Clear, colorless liquid

Odor: Negligible odor

Boiling Point (°F): 440-550

Melting Point (°F): N/A

pH: N/A

Auto-ignition (°F): N/D

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable in normal conditions.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Oxides of carbon.

Hazardous Polymerization: None described.

SECTION 11. TOXICOLOGICAL INFORMATION

Animal data: Animal studies have shown that prolonged or repeated inhalation exposures to high concentrations of some petroleum distillates have caused liver tumors in mice and kidney damage and tumors in male rats. However, kidney effects were not seen in similar studies involving female rats, guinea pigs, dogs, or monkeys. Present studies indicate the kidney effects will only occur in male rats. Also, human studies do not indicate this peculiar sensitivity for kidney damage and studies reported in 1992 show that this particular type of rat kidney damage is not useful in predicting a human health hazard. The significance of liver tumors in mice exposed to high doses of chemicals is highly speculative and probably not a good indicator for predicting a particular human carcinogenic hazard.

SECTION 12. ECOLOGICAL INFORMATION

Persistence and Degradability: N/D



Biodegradation: N/D
 ErC50 (72 hours) Skeletonema costatum: N/D
 LC50 (48 hours) Acartia tonsa: N/D
 LC50 (10 days) Corophium voliotator: N/D
Bioaccumulative Potential: N/D
Aquatic Toxicity: 96 HR LC50 (mysid shrimp): N/D
Oil and grease content in slurry(Polymer 2 LB/BBL): N/D

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal: If spilled, dispose according to local regulations. Recycle waste containers and clean out residues.

SECTION 14. TRANSPORT INFORMATION

DOT Transport Information: Non-Regulated

SECTION 15. REGULATORY INFORMATION

Toxic Substances Control Act (TCSA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ-40 CFR 302.4(a)

<u>Component</u>	<u>CERCLA RQ</u>
None	

SARA 302 Components-40 CFR 355 Appendix A

None

Section 311/312 Hazard Class-40 CFR 370.2

- Immediate (X)
- Delayed ()
- Fire ()
- Reactive ()
- Sudden Release of Pressure ()

SARA 313-40 CFR 372.65

<u>Component</u>	<u>CAS Number</u>	<u>%</u>
None		

SECTION 16. OTHER INFORMATION

NFPA RATING: Health (1) Fire (1) Reactivity (0)

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N/D= No data; N/A = Not available; N/E= Not established