



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name:** DSC Knockout 1200 (KO 1200)
- **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)-527-3387
- **Chemical Family:** Zinc complex
- **Formula:** Proprietary Mixture
- **Contact Person:** Glenn Ray
- **MSDS Revised:** January 1, 2014

HMIS RATING: Health (2) Fire (0) Reactivity (1)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	%	PEL (OSHA)		TLV (ACGIH)		C.A.S. No.
		TWA	STEL A/L	TWA	STEL	
Zinc chloride solution	35-45	1 mg/m ³		2 mg/m ³	7646-85-7	

SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Effects of Over Exposure:

Inhalation: Not applicable.

Eye Contact: Irritation to eyes, burns, severe damage.

Skin Contact: Irritation.

Ingestion: There may be irritation of the mouth, throat, and digestive tract. May cause vomiting. Delayed effects after exposure.

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. Do not attempt to neutralize with chemicals.

Ingestion: Drink plenty of water. If the fluids are vomited up, give the victim more fluids. If victim is drowsy or unconscious, place on left side with head down. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media: Not applicable.

Decomposition/Combustion Products: Toxic fumes may be generated at elevated temperatures containing SO₂ and SO₃ which will react with water or steam to form sulfurous and sulfuric acids.

Special fire fighting procedures: Not applicable.

Explosive Properties

LEL: NE

UEL: NE

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Soak up on absorbent, inert material. Wash area with water. For large spills, dike area and pump into suitable containers. Do not allow to enter drains or waterways. Wear respirator and protective clothing as appropriate.

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: Keep container tightly closed when not in use. Store in dry place. Ensure adequate air circulation. Avoid strong oxidizing agents.

Handling: Avoid contact with skin or eyes. When handling do not eat, drink or smoke. Prevent static buildup and discharge. Keep away from potential sources of ignition.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: General ventilation, local exhaust. Suitable equipment in case of insufficient ventilation.

Protective clothing: Rubber or plastic gloves and impervious clothing as appropriate.

Eye protection: Chemical goggles where splashing may occur.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity @ 75°F (H₂O = 1): 1.37

Flash Point: N/A

Vapor density (Air = 1): < 1.0 @ 60°F

Solubility: Complete in water

Vapor pressure: N/D

Evaporation Rate: N/D

Appearance and Odor: Dark brown liquid with a slightly sweet molasses like odor

Boiling Point: N/D

Freezing Point: N/D

pH: 3.8

Auto-ignition: N/A

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable in normal conditions.

Incompatibility/Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Toxic fumes containing SO₂ at temperatures above 300°C.

Hazardous polymerization: None described.



SECTION 11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients: Irritating to eyes and skin.

Immediate Health Effects: Irritation.

Delayed Health Effects: N/D

Acute Effects (Short term): N/D

Chronic Effects (Long term): N/D

SECTION 12. ECOLOGICAL INFORMATION

Environmentally Dangerous Ingredients: None

Bioaccumulative Potential: Low

Aquatic Toxicity: 48 HR LD50 (oral rat) Approximate 350 mg/kg

Marine Pollutant (IMDG Code): No

Oil and Grease Content: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of waste materials: Incinerate or in compliance with local regulations.

Disposal of waste containers: Recycle, clean out residues.

Disposal restrictions: Comply with local regulations.

Statutory notification required: None in UK

SECTION 14. TRANSPORT INFORMATION

Transport information: NA-1760.,CORROSIVE LIQUID, N.O.S. (CONTAINS: ZINC CHLORIDE)
PGIII.,(DSC KO-1200)

SECTION 15. REGULATORY INFORMATION

SUPPLY LABEL SYMBOLS: R36/38

RISK AND SAFETY PHRASES: **Corrosive Liquid**

R 36-Irritating to eyes

S 24/25-Avoid contact with skin and eyes.

S 26-IN CASE OF CONTACT WITH EYES: Rinse immediately with plenty of water and seek medical advice.

S28-After contact with skin, wash immediately with plenty of soap and water.

SECTION 16. OTHER INFORMATION

Not Applicable

HMIS RATING: Health (2) Fire (0) Reactivity (1)

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