



WORKING SOLUTION (NS-SS15)

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Identifier SulfurSolve® Working Solution (NS-SS15)		
Product Use Chemical reagent used in SulfurSolve® Systems		
Manufacturer's Name Clear Chem Solutions LLC		
Street Address 2626 Wilson Rd		
City Humble	State Texas	
Postal Code 77396	Emergency Telephone 1-800-424-9300	
Date SDS Prepared 1/14/2025		Phone Number 936-249-6440

SECTION 2 – HAZARD(S) IDENTIFICATION

GHS Classification Not a hazardous substance or mixture
GHS Label element Not a hazardous substance or mixture
Other hazards None known

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name	CAS Number	%
Water		7732-18-5	>85
Alkaline Buffer Salts			>10

*Additional specific ingredient identities and percentages withheld due to proprietary trade secrets

SECTION 4 – FIRST-AID MEASURES

General Advice	Do not leave the victim unattended
If inhaled	No known inhalation risks
In case of skin contact	Wipe off excess chemical with a rag. Flush contaminated area with water. If skin irritation occurs, get medical advice/attention.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
If swallowed	Call a POISON CENTER or doctor/physician if the victim feels unwell. Rinse mouth if ingested.

**WORKING SOLUTION (NS-SS15)****SECTION 5 – FIRE-FIGHTING MEASURES**

Fire Hazard	Negligible fire hazard
Extinguishing Media	Use extinguishing medium as appropriate for surrounding fire
Fire Fighting	Move chemical from fire area if it can be done safely. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas
Hazardous Combustion Products	Oxides of carbon, CO compounds by combustion
Sensitivity to Mechanical Impact	Not sensitive
Sensitivity to Static Discharge	Not sensitive
Lower Flammability Level (air)	Not flammable
Upper Flammability Level (air)	Not flammable
Flash Point	Not flammable
Auto-ignition Temperature	No information available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin and eyes. Avoid ingestion. Wash thoroughly in case of skin contact. Wear appropriate Personal Protective Equipment as recommended in Section 8 of the SDS.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Keep out of water supplies.
Methods and Materials for Containment and Cleaning Up	<p>Large spills: Stop the flow of material, if this can be done safely. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water</p> <p>Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p>

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contact with skin and eyes. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Wear Personal Protective Equipment as recommended in Section 8 of the SDS.
Safe Storage Conditions	Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Store away from incompatible materials as listed in Section 10 of the SDS.
Incompatibilities / Materials to Avoid	Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc, or other alkali sensitive metals or alloys. Avoid diluting with water.



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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Regulatory Exposure Limits	No occupational exposure limits have been established at this time.
Non-Regulatory Exposure Limits	No occupational exposure limits have been established at this time.
Engineering Controls	Provide local exhaust ventilation where dust or mist may be generated.
Personal Protective Equipment	<p><u>Eye Protection:</u> Wear safety glasses with side-shields. If eye contact is likely, wear chemical resistant safety goggles.</p> <p><u>Skin and Body Protection:</u> Wear protective clothing to minimize skin contact. Contaminated clothing should be removed and laundered before reuse.</p> <p><u>Hand Protection:</u> Wear appropriate chemical resistant gloves.</p> <p><u>Protective Material Types:</u> Butyl rubber, Natural rubber, Neoprene, Nitrile</p> <p><u>Respiratory Protection:</u> No protective equipment is needed under normal use conditions.</p>
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Good hygiene practices include but are not limited to: wearing suitable gloves and/or eye protection; washing hands and affected skin immediately after exposure, before breaks, and at the end of the workday; regularly cleaning work area and clothing; etc.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Clear dark brown
Odor	Slight
Odor Threshold	Not available
pH	9.0 – 11.0
Melting Point	Not applicable
Freezing Point	32°F
Boiling Point	212°F
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability	Not flammable
Flammability Limits	Not applicable
Vapor Pressure	Not available
Vapor Density	Not available
Relative Density	1.10
Solubility	Soluble, but do not further dilute with water
Partition Coefficient (n-octanol/water)	Not available
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions
Chemical Stability	Stable under normal conditions
Conditions to Avoid	Avoid excessive heat (>125°F) and cold (<32°F) temperatures.
Incompatibilities / Materials to Avoid	Avoid mixing directly with water.
Hazardous Decomposition Products	None
Hazardous Polymerization	Will not occur



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SECTION 11 – TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	<p><u>Eye Contact:</u> Eye exposure may cause severe irritation and redness to the eye lids, conjunctiva.</p> <p><u>Skin Contact:</u> Exposure to skin may cause redness, dryness, irritation, and temporary staining.</p> <p><u>Inhalation:</u> No data available</p> <p><u>Ingestion:</u> No data available</p> <p><u>Chronic Effects:</u> No data available</p>
Signs and Symptoms of Exposure	<p><u>Eye:</u> Eye irritation. Eye exposure may cause irritation and redness to the eye lids, conjunctiva.</p> <p><u>Skin:</u> Skin irritation. Exposure to skin may cause redness, dryness, irritation, and temporary staining.</p> <p><u>Inhalation:</u> No data available</p> <p><u>Ingestion:</u> No data available</p>
Acute toxicity	No data available
GHS Health Hazards	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	No data available
Fate and Transport	<p><u>Biodegradation:</u> This material is inorganic and not subject to biodegradation</p> <p><u>Persistence:</u> This material is believed not to persist in the environment</p> <p><u>Bioaccumulative Potential:</u> This material is believed not to bioaccumulate.</p>
Additional Ecological Information	No data available

SECTION 13 – DISPOSAL CONSIDERATION

Waste from Material	Reuse or reprocess, if possible. Measure the pH of solutions to determine disposal restrictions. Dispose in accordance with all applicable regulations.
Container Management	Dispose of container in accordance with applicable local, regional, national, and/or international regulations. Container rinsate must be disposed of in compliance with applicable regulations.



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SECTION 14 – TRANSPORT INFORMATION

DOT Land Transport	Transport hazard class: 5.1
Canadian Land Transport	Not regulated
Maritime Transport	IMO/IMDG: Not regulated

SECTION 15 – REGULATORY INFORMATION

No known regulatory information on this chemical
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HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

SECTION 16 – OTHER INFORMATION

Prepared By	Odor Control Systems LLC Email: Info@OdorControl-Systems.com
Creation Date	
Revision Date	14-January-2025

The information provided in this Safety Data Sheet (SDS) is correct to the best of our knowledge and is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar, and since data may become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any