



SAFETY DATA SHEET

According to 29CFR 1910.1200

Odor Eliminator

Section 1: Identification

GHS Product Name: Odor Eliminator

Product Code: OECW16; OEF16

Other means of identification: Not applicable (N/A)

Chemical Name/Synonyms: Not applicable (N/A)

Product Type: Liquid

Optimal Solutions Products

145 City View Cir

Pickens, South Carolina 29672

864-557-3767

www.OSproduct.com

Emergency number: Chemtrec 1-800-424-9300

Section 2: Hazard(s) Identification

Hazard Classification:



SKIN CORROSION: Category 4

EYE DAMAGE: Category 2B

Signal Word(s):

Warning

Hazard Statements:

H302: Harmful if swallowed.

H312: Harmful if contact with skin.

H320: Causes eye irritation.

H335: May cause respiratory irritation.

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use

P233: Keep container tightly closed.

P234: Keep in original container

P235: Keep Cool.

P261: Avoid breathing mist/ vapor spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product

P273: Avoid release to the environment

P280: Wear protective gloves/eye protection/face protection

P501: Dispose of the contents/containers according to the local, state and federal regulations.

Response Statements:

P301: IF SWALLOWED

P330: Rinse mouth.

P331: Do NOT induce vomiting.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P303: IF ON SKIN (or hair)

P361: Remove/Take off immediately all contaminated clothing.

P353: Rinse skin with water/shower.



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Section 2: Hazard(s) Identification Continued

P332: IF SKIN irritation occurs
P313: Get medical advice/attention
P304: IF INHALED
P340: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P341: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342: IF experiencing respiratory symptoms
P311: Call a POISON CENTER or doctor/physician.
P305: IF IN EYES
P351: Rinse cautiously with water for several minutes.
P338: Remove contact lenses, if present and easy to do. Continue rinsing.
P337: IF eye irritation persists
P313: Get medical advice/attention
P363: Wash Contaminated Clothing Before Reuse
P390: Absorb Spillage to Prevent Material Damage
P391: Collect Spillage
P321: Specific treatment (see First Aid information on product label and/or Section 4 of the SDS)

STORAGE STATEMENTS:

P401: Store in a secure manner. Keep container closed.
P403+235: Store in a well-ventilated place. Keep cool.

DISPOSAL STATEMENTS:

P501: Dispose of Contents/Container in Accordance with Local/State/Federal/International Regulations

SUPPLEMENTAL LABEL ELEMENTS:

Avoid contact with eyes. May cause irritation to the eyes. In case of contact with eyes, rinse immediately with plenty of water. If irritation persists, get medical attention.

CARCINOGENICITY:

Not listed by OSHA, IARC, OR NTP

Section 3: Composition/ Information on Ingredients

Substance / Mixture: Mixture

Chemical Name	Synonym	CAS#	Conc.
Octyl decyl dimethylammonium chloride		32426-11-2	0.0059 %
Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride	Benzalkonium Chloride	68424-85-1	0.0067 %
Didecyl Dimethyl Ammonium Chloride		7173-51-5	0.0031 %
Diocetyl dimethyl ammonium chloride		5538-94-3	0.002 %

Synonyms: N/A

Special Notes: N/A

Disclosure Statement:

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.



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Section 4: First-Aid Measures

After skin contact:

Wash with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 15 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. If irritation or burn occurs get medical attention.

After eye contact:

Immediately flush eyes with plenty of water. If possible, remove contact lenses. Rinse for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

After inhalation:

Remove from exposure and move to fresh air immediately and keep in a position comfortable for breathing. Give artificial respiration if necessary. Obtain medical attention if necessary.

After swallowing:

DO NOT INDUCE VOMITING. If person is conscious, wash out mouth with water. Never give anything to an unconscious person. Consult a physician or medical facility with regards to inducing vomiting.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing agents:

High volume water jet

Special hazards during firefighting:

Fire Hazard
Keep away from heat and sources of ignition.
Flash back possible over considerable distance.
Beware of vapors accumulating to form explosive concentrations.
Vapors can accumulate in low areas.

Hazardous combustion products:

Decomposition products may include the following materials:
Carbon oxides
Nitrogen oxides (NO_x)

Special protective equipment for firefighters:

Firefighters must wear self-contained breathing apparatus and suitable protective clothing if there is risk of exposure to products of decomposition.

Special extinguishing methods:

Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section 6: Accidental Release Measures

Personal precautions:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through material. Put on appropriate personal protective equipment. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental protection:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Measures for cleaning/collecting:

Small spill

Eliminate all ignition sources if safe to do so. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material, non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.



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Section 6: Accidental Release Measures Continued

Large spill

Eliminate all ignition sources if safe to do so. Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7: Handling and Storage

Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety precautions. Avoid contact with skin, eyes, and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Keep in original container. Keep away from fire, sparks, and heated surfaces. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). Do not reuse container. Use appropriate personal protective equipment (see Section 8).

Conditions for safe storage:

Keep away from heat sources of ignition. Store in accordance with local regulations. Store in segregated and approved area. Keep container tightly closed and store in a cool, well-ventilated area, away from incompatible materials (see Section 10). Do not store near acids. Keep away from oxidizing agents. Keep out of reach of children. Store in suitable labeled containers.

Storage temperature:

0 °C to 40 °C

Section 8: Exposure Controls/Personal Protection



Exposure Guidelines

<u>Ingredient name</u>	<u>CAS #</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>California</u>

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local ventilation to keep airborne levels of vapor or mist to acceptable levels.

Hygiene measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eye wash stations and safety showers are close to the workstation location. Wear chemical resistant footwear.

Personal Protection Equipment

Respiratory:

If a risk assessment indicates this is necessary, use a properly fitted, air-purifying or air fed respirator complying with an approved standard. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands:

Chemical-resistant protective gloves should be always worn when handling chemical products

Eyes and Face:

Wear approved safety glasses or chemical splash goggles. Use a face shield when appropriate.
Recommended: splash goggles

Skin:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Work Hygiene Practices: Avoid contact with skin, eyes, and clothing. Do not breathe vapor or mist. Do not ingest.

Other use Precautions: Wear appropriate protective clothing to prevent skin exposure.

Personal protective equipment
(Pictograms)





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Section 9: Physical and Chemical Properties

Form:	Clear, light orange Liquid	Upper flammability or explosive limits:	Not available.
Odor:	Surfactant (slight)	Lower flammability or explosive limits:	Not available.
Odor Threshold:	Not available.	Vapor pressure:	Not available.
pH:	10.0	Vapor density:	Not available.
Specific Gravity:	N/A	Relative density:	0.99 – 1.01
Freeze Point:	N/A	Auto Ignition Temp:	Not available.
Boiling point:	N/A	Decomposition temperature:	N/A
Flash point:	N/A	Viscosity:	N/A
Evaporation rate:	Not available.	VOC (% wt.):	Not available.
Flammability:	Not available.	Percent Volatile:	N/A
Solubility:	Soluble in the following materials: cold water and hot water		

Section 10: Stability and Reactivity

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	Heat, flames, and sparks.
Incompatible materials:	Acids.
Hazardous decomposition products:	In case of fire hazardous decomposition products may be produced such as: Carbon oxides Nitrogen oxides
Storage:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep away from heat sources of ignition. Keep away from acids. Keep away from oxidizing agents. Store in 0 °C to 40 °C.

Section 11: Toxicological Information

Information on toxicological effects

Information on the likely

routes of exposure: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eye contact:	May cause slight transient irritation.
Inhalation:	May cause severe irritation or burns to respiratory tract.
Skin contact:	May cause severe irritation or burns to skin.
Ingestion:	Ingestion may cause gastrointestinal irritation and diarrhea.

Symptoms related to the physical, chemical, and toxicological characteristics

Eye contact:	pain or irritation watering redness
Inhalation:	No specific data.
Skin contact:	pain or irritation watering redness
Ingestion:	Respiratory irritation Cough.

Target Organ Effects:	N/A	Medical Conditions Aggravated by Exposure:	N/A
Chronic Effects:	N/A	Germ Cell Mutagenicity:	N/A
Carcinogenicity:	N/A	Reproductive Toxicity:	N/A



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Section 11: Toxicological Information Continued

Acute Toxicity: N/A

STOST Single Exposure:

N/A

Acute Toxicity Values: N/A

STOST Repeated Exposure:

N/A

Section 12: Ecological Information (non-mandatory)

Ecotoxicity:

No Data Available for Product.

Section 13: Disposal Considerations (non-mandatory)

WASTE DISPOSAL METHOD:

Dispose of material in accordance with all federal, state, and local regulations

NEUTRALIZING CHEMICALS:

Dispose of in accordance with all federal, state, and local regulations

GENERAL DISPOSAL
CONSIDERATIONS:

Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.

Section 14: Transport Information (non-mandatory)

IATA/IMDG/DOT/TDG: Please refer to the Bill of Lading/ receiving documents for up-to-date shipping information.

DOT (Department of Transportation): This product is not regulated by the DOT.

Proper Shipping Name:

CLEANING COMPOUND, LIQUID, N.O.S. (quaternary ammonium compound)
CLEANING COMPOUND, LIQUID, BASIC, ORGANIC, (Gallon - Limited Quantity)

Section 15: Regulatory Information (non-mandatory)

OSHA HAZARDOUS CHEMICAL:

N/A

SARA Section 302/304:

No products were found.

SARA Section 311/312 Hazards:

Not applicable.

SARA Section 313:

N/A

Hazardous Air Pollutants:

None

National Toxicology Program (NTP):

N/A

Toxic Substances Control Act:
(TSCA)

All components of this product comply with the inventory requirements administered by the governing agency.

State Regulations:

Massachusetts

None of the components are listed.

New York

None of the components are listed.

New Jersey

None of the components are listed.

Pennsylvania

None of the components are listed.

California Prop 65

None of the components are listed.

Canada:

Canadian Lists:

Canada NPRI

None of the components are listed.

Canada Inventory.

All components are listed or exempted.

Canadian PCP/DIN Number:

N/A

International Regulations:

International lists.

Australia inventory (AICS): All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted.

Japan inventory: Not determined.

Korea inventory: All components are listed or exempted.

Malaysia Inventory (EHS Register): Not determined.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Taiwan Chemical Substances Inventory (TCSI): All components are listed or exempted.

EPA Registration Number:

N/A

Clean Air Act Section 112:

Not listed



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Section 16: Other Information

HMIS: Health = 1; Flammability = 0; Reactivity = 0; Personal Protection Equipment = B

The information herein has been from sources believed to be accurate, reliable and up to date to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources and do not make any warranties nor assume any liability from its use or misuse.

SDS date of preparation/update: 01/01/2025