



SAFETY DATA SHEET

According to 29CFR 1910.1200

All Purpose Cleaner

Section 1: Identification

GHS Product Name: All Purpose Cleaner

Product Code: APCW16; AP-F16

Other means of identification: General Purpose Cleaner

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: Not classified.

SKIN CORROSION: Cat 5
EYE DAMAGE: Cat 5
ACUTE AQUATIC TOXICITY: N/A

Signal Word(s): No signal word.

Hazard Statements:

H303: May be harmful if swallowed.
H313: May be harmful in contact with skin
H333: May be harmful if inhaled

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
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
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.
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.



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Section 2: Hazard(s) Identification Continued

P342: IF experiencing respiratory symptoms
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
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.
Sodium Carbonate		497-19-8	1-5%
Nonionic Surfactant Blend		Proprietary	1-5%

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.

Section 4: First-Aid Measures

After skin contact:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

After eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

After inhalation:

Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

After swallowing:

Wash out mouth with water. Remove to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed, and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.



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Section 4: First-Aid Measures Continued

Most important symptoms/effects, acute and delayed

Potential acute health effects

Skin contact:	May cause slight transient irritation.
Eye contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Ingestion:	Ingestion may cause gastrointestinal irritation and diarrhea.

Over-exposure signs/symptoms

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

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments:	No specific treatment.

See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Extinguishing

Suitable extinguishing agents: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing agents: None known.

Special hazards arising from the chemical: In a fire or if heated, a pressure increase will occur, and the container may burst.

Hazardous thermal decomposition products: Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides

Special protective equipment for firefighters: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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 spilled material. Put on appropriate personal protective equipment.

Environmental precautions:

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).

Methods for cleaning up

Small spill: 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 and place in an appropriate waste container. Dispose of via a licensed waste disposal contractor.

Large spill: 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.



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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. Do not reuse container. Use appropriate personal protective equipment (see Section 8).

Conditions for safe 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.

Section 8: Exposure Controls/Personal Protection



Exposure Guidelines

<u>Ingredient name</u>	<u>CAS #</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>California</u>
Sodium Carbonate	497-19-8	TLV (5 mg/m ³)	PEL (TWA) (10 mg/m ³)	

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

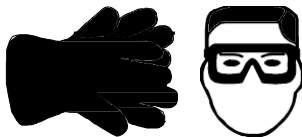
Skin:

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)



Section 9: Physical and Chemical Properties

Form:	Green Liquid	Upper flammability or explosive limits:	N/A
Odor:	Surfactant (slight)	Lower flammability or explosive limits:	N/A
Odor Threshold:	Not available.	Vapor pressure:	N/A
pH:	11.2	Vapor density:	N/A
Specific Gravity:	N/A	Relative density:	1.045
Freeze Point:	N/A	Auto Ignition Temp:	N/A
Boiling point:	N/A	Decomposition temperature:	N/A
Flash point:	Closed cup: N/A	Viscosity:	N/A
Evaporation rate:	Not available.	VOC (% wt.):	0.9
Flammability:	Not available.	Percent Volatile:	N/A
Solubility:	Easily soluble in the following materials: cold water and hot water		



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Section 10: Stability and Reactivity

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability:	The product is stable.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	No specific data.
Incompatible materials:	No specific data.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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.

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:	No known significant effects or critical hazards.
Skin contact:	No known significant effects or critical hazards.
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:	No specific data.
Ingestion:	No specific data.

Delayed and immediate effects and chronic effects from short and long term exposure

Short term exposure

Potential immediate effects:	Not available.
Potential delayed effects:	Not available.

Long term exposure

Potential immediate effects:	Not available.
Potential delayed effects:	Not available.

Potential chronic health effects:

General:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Developmental effects:	No known significant effects or critical hazards.
Fertility effects:	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

<u>Route</u>	<u>ATE value</u>
Oral	163973.7 mg/kg



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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, All Purpose Cleaner

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.
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EPA Registration Number:	N/A
Clean Air Act Section 112:	Not listed

Section 16: Other Information

HMIS: Health = 2; 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.

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