

**SECTION 1: Product and company identification**

Product name : Car Wash  
 Use of the substance/mixture : Cleaner  
 Product code : 0668  
 Company : Total Solutions  
 P.O. Box 240014  
 Milwaukee, WI 53224 - USA  
 T (414) 354-6417  
 Emergency number : Chemtrec: (800) 424-9300

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**GHS-US classification**

Skin Irrit. 2 H315  
 Eye Dam. 1 H318

**2.2. Label elements**

**GHS-US labeling**

Hazard pictograms (GHS-US) :



GHS05

Signal word (GHS-US) : Danger  
 Hazard statements (GHS-US) : Causes skin irritation  
 Causes serious eye damage  
 Precautionary statements (GHS-US) : Wash thoroughly after handling  
 Wear eye protection, protective clothing, protective gloves.  
 If on skin: Wash with plenty of water  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a doctor, a POISON CENTER  
 If skin irritation occurs: Get medical advice/attention.  
 Take off contaminated clothing and wash it before reuse.

**2.3. Other hazards**

No additional information available

**2.4. Unknown acute toxicity (GHS US)**

Not applicable

**SECTION 3: Composition/Information on ingredients**

**3.1. Substances**

Not applicable

Full text of H-phrases: see section 16

**3.2. Mixtures**

Name	Product identifier	%	GHS-US classification
sodium carbonate	(CAS-No.) 497-19-8	10-30	Eye Irrit. 2, H319
sodium dodecylbenzenesulfonate	(CAS-No.) 25155-30-0	3-7	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
disodium metasilicate	(CAS-No.) 6834-92-0	1-5	Skin Corr. 1B, H314 STOT SE 3, H335
SODIUM LAURETH SULFATE	(CAS-No.) 9004-82-4	1-5	Skin Irrit. 2, H315 Eye Dam. 1, H318
TETRASODIUM PYROPHOSPHATE	(CAS-No.) 7722-88-5	0.1-1.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

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A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove the victim into fresh air.
- First-aid measures after skin contact : Take off contaminated clothing and wash it before reuse. Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
- First-aid measures after ingestion : Rinse mouth with water. Do NOT induce vomiting. Consult a doctor/medical service if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.
- Symptoms/effects after inhalation : May cause respiratory irritation.
- Symptoms/effects after skin contact : Causes skin irritation.
- Symptoms/effects after eye contact : Causes serious eye damage.
- Symptoms/effects after ingestion : Gastrointestinal complaints. Cramps. Nausea.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : All extinguishing media allowed.

#### 5.2. Special hazards arising from the substance or mixture

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

#### 5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Isolate from fire, if possible, without unnecessary risk.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Protective goggles. Gloves. Protective clothing.
- Emergency procedures : Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

##### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

- For containment : Contain released product, pump into suitable containers.
- Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
- Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep container closed when not in use.

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Incompatible products	: Strong acids. Oxidizing agents.
Storage area	: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.
Special rules on packaging	: meet the legal requirements.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

Personal protective equipment : Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Protective clothing. Safety glasses.



### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Blue. free flowing. Powder.
Odor	: mild
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
VOC content	: < 0.5 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

Strong acids. Oxidizing agents.

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

Acute toxicity : Not classified

<b>sodium dodecylbenzenesulfonate (25155-30-0)</b>	
LD50 oral rat	1080 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Read-across)
ATE CLP (oral)	1080 mg/kg body weight
<b>sodium carbonate (497-19-8)</b>	
LD50 oral rat	2800 mg/kg (Rat, Male/female, Experimental value)
LD50 dermal rabbit	> 2000 mg/kg (16 CFR 1500. 40, 24 h, Rabbit, Experimental value)
LC50 inhalation rat (mg/l)	(2 h, Rat, Male, Experimental value)
ATE CLP (oral)	2800 mg/kg body weight
ATE CLP (vapors)	2.3 mg/l/4h
ATE CLP (dust, mist)	2.3 mg/l/4h
<b>TETRASODIUM PYROPHOSPHATE (7722-88-5)</b>	
LD50 oral rat	300 - 2000 mg/kg
LD50 dermal rabbit	7940 mg/kg
ATE CLP (oral)	300 mg/kg body weight
ATE CLP (dermal)	7940 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.  
 Serious eye damage/irritation : Causes serious eye damage.  
 Respiratory or skin sensitization : Not classified  
 Germ cell mutagenicity : Not classified  
 Carcinogenicity : Not classified  
 Reproductive toxicity : Not classified  
 Specific target organ toxicity – single exposure : Not classified  
 Specific target organ toxicity – repeated exposure : Not classified  
 Aspiration hazard : Not classified  
 Symptoms/effects after inhalation : May cause respiratory irritation.  
 Symptoms/effects after skin contact : Causes skin irritation.  
 Symptoms/effects after eye contact : Causes serious eye damage.  
 Symptoms/effects after ingestion : Gastrointestinal complaints. Cramps. Nausea.

**SECTION 12: Ecological information**

**12.1. Toxicity**

<b>sodium dodecylbenzenesulfonate (25155-30-0)</b>	
LC50 fish 1	3.2 - 5.6 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Recirculation, Fresh water, Experimental value)
EC50 Daphnia 1	6.3 mg/l (Equivalent or similar to OECD 202, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)
ErC50 (algae)	65.4 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Salt water, Read-across)
<b>sodium carbonate (497-19-8)</b>	
LC50 fish 1	300 mg/l (Other, 96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value)
EC50 Daphnia 1	200 - 227 mg/l (Other, 48 h, Ceriodaphnia sp., Semi-static system, Fresh water, Experimental value)
<b>TETRASODIUM PYROPHOSPHATE (7722-88-5)</b>	
LC50 fish 1	1380 mg/l Western mosquitofish (Gambusia affinis)
EC50 Daphnia 1	391 mg/l Daphnia magna (Water flea)

**12.2. Persistence and degradability**

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sodium dodecylbenzenesulfonate (25155-30-0)	
Persistence and degradability	Readily biodegradable in water.
sodium carbonate (497-19-8)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

### 12.3. Bioaccumulative potential

sodium dodecylbenzenesulfonate (25155-30-0)	
BCF fish 1	130 (Equivalent or similar to OECD 305, 3 day(s), Leuciscus idus, Semi-static system, Fresh water, Experimental value)
Log Pow	1.96 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
sodium carbonate (497-19-8)	
Log Pow	-6.19 (Estimated value)
Bioaccumulative potential	Not bioaccumulative.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT : Not regulated for transport

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

sodium dodecylbenzenesulfonate (25155-30-0)	
Not subject to reporting requirements of the United States SARA Section 313	
CERCLA RQ	1000 lb

Sodium Trimetaphosphate (7785-84-4)	
Not subject to reporting requirements of the United States SARA Section 313	

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Sodium Trimetaphosphate (7785-84-4)	
CERCLA RQ	5000 lb

**⚠ WARNING**

This product can expose you to ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

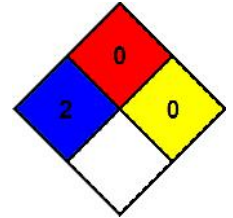
Full text of H-phrases:

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Prepared by: Technical Department

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.*