

SDS



GENERAL CHEMICAL CORPORATION

12336 EMERSON DRIVE, BRIGHTON, MI 48116
(248) 587-5600

**Safety
Data Sheet**
Prepared According to
29CFR 1910.1200.

1. Product and Company Identification

Product Identification

AUTO GENERAL CAR WASH SHAMPOO

Company Name

GENERAL CHEMICAL CORP

Company Address

12336 EMERSON DRIVE
BRIGHTON, MI 48116
United States

Transportation (General Chemical Corp)

(248)587-5600

Emergency Phone (Day or Night)

(800)424-9300

Number (Call Collect from Outside U.S.A)

(202)483-7616

2. Hazard Identification

GHS Hazard Categories

- Serious eye damage/eye irritation Cat 2

GHS Signal Word

Warning

GHS Pictogram

- Exclamation Mark



- H319: Causes serious eye irritation

GHS Precautionary Statements

- P264: Wash thoroughly after handling
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
- P337+313: If eye irritation persists get medical advice/attention

3. Composition / Information on Ingredients

List

Chemical Name(s)	CAS Number	% Weight
Quaternary amine compound	Proprietary	<10
surfactant	Proprietary	<5
Tetrapotassium pyrophosphate	7320-34-5	<5

4. First Aid Measures

Inhalation

If adverse effects such as dizziness, nausea, or irritation are noted, move person to fresh air. If not breathing, give artificial respiration. Get medical attention!

Skin Contact

Immediately wash skin with large amounts of soap and water. Remove contaminated clothing and shoes; wash before reuse. Get medical attention if irritation persists after washing.

Eye Contact

Flush eyes immediately with water for at least 15 minutes. If irritation persists, call a physician.

Ingestion

Call a physician or emergency medical facility immediately!

5. Firefighting Measures

Use media appropriate for surrounding fire.

Low fire hazard when exposed to heat and flame. Product is not flammable or combustible.

Wear a self-contained breathing apparatus when fighting fire in an enclosed area.

Flash Point: > 200°F

Method Used: Pensky-Martens Closed Cup

Flammable Limits in Air % by Volume: LEL: N/E UEL: N/E

6. Accidental Release Measures

If material is spilled, absorb with sand, earth, or similar inert material. Place in closed, labeled

containers for proper disposal.

CERCLA (Superfund) Reportable Quantity (in lbs): None

7. Handling and Storage

Avoid contact with skin and eyes; wash thoroughly after handling. Avoid breathing vapor; use with adequate ventilation.

KEEP FROM FREEZING! Store in a dry location at room temperature. Keep container closed and maintain all original markings and labels.

Do not reuse container without recycling or reconditioning. Handle empty containers as if they were full.

8. Exposure Control/Personal Protection

Eye Protection

Safety glasses with side shields. Do NOT wear contact lenses. Chemical goggles and/or faceshield should be worn where splashing is possible.

Skin and Body Protection

Eye wash and safety shower should be readily available.

Respiratory Protection

Use NIOSH / MSHA approved respirator where high vapor or mist concentrations are present.

Hand Protection

Protective Gloves: Wear chemical resistant gloves

Hygiene Measures

Avoid contact with skin and avoid breathing vapors or mist. Do not eat, drink, or smoke while using this product. Wash up prior to eating, drinking, or using the restroom.

Local Exhaust: None normally required. Local exhaust may be needed under special circumstances such as poorly ventilated areas, evaporation from large surfaces, spraying, heating, etc.

Mechanical Exhaust: Mechanical ventilation should be sufficient to maintain exposure levels below exposure limits.

9. Physical and Chemical Properties

Appearance

Clear, purple liquid

Specific Gravity (H₂O=1)

1.05-1.06

% volatile by volume

80-82%

% solid by weight

18-20%

Weight per gallon

8.7 - 8.9 lbs/gal

Theoretical VOC

0 lbs/gal

Odor

mild odor

pH

12 - 12.5

Boiling Point

> 212 °F

Vapor Pressure

Similar to water

Vapor Density

Similar to water

Water Solubility

Complete.

Reactivity in Water: None.

Analytical VOC (EPA Method 24) : 0.2 - 0.4 lbs/gal

10. Stability and Reactivity

Chemical Stability

Stable.

Known Hazardous Reactions

Hazard Polymerization: Will not occur.

Conditions to Avoid

None known.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Oxides of carbon

11. Toxicological Information

Surfactant [CASRN 068603-42-9]

ACUTE TOXICITY

Oral LD50 (rat) = 12,400 microliters/kg

Tetrapotassium pyrophosphate [CASRN 007320-34-5]

ACUTE TOXICITY Oral LD50 (rat) = 2,980 mg/kg Eye irritation (rabbit): 11.1/110.0; moderately irritating

Dermal LD50 (rabbit) > 7,940 mg/kg Skin Irritation (rabbit): 0.5/8.0 (24-hr. exposure); practically non-irritating

Sub-chronic: Following repeated exposure (13-weeks) to this product in their food, kidney damage with changes in body weight, food consumption, clinical parameters and organ weights were reported at high-dose levels in rats.

The dry material may cause foreign body irritation in some individuals. Prolonged contact with the dry material may cause drying or chapping of the skin. Excessive inhalation of dust may be annoying and can mechanically impede respiration. [0,8-19,15-062300]

Sodium Chloride [CASRN 007647-14-5]

ACUTE TOXICITY

Oral LD50 (rat) = 3,000 mg/kg Skin LD50 (rabbit) > 10 g/kg

Inhalation LC50 (rat) >42 g/m³/1H

12. Ecological Information

Quaternary amine compound [CASRN Proprietary]

ECOTOXICITY 96 hr LC50 (rainbow trout) = 30 mg/l 72 hr EC50 (algal) = 0.5 mg/l 48 hr EC50 (daphnia) = 13 mg/l [0,10-1,C,C,G-020201]

Tetrapotassium pyrophosphate [CASRN 007320-34-5]

ECOTOXICITY 96 hr - LC50 (rainbow trout) > 100mg/l, practically non-toxic 48 hr - EC50 (daphnia magna) > 100 mg/l, practically non-toxic

96 hr - LC50 (mysid shrimp) > 100mg/l, practically non-toxic

This product is considered to have low toxicity to aquatic and estuarine species. Inorganic phosphates, including this product, at high concentrations in the environment have the potential to cause eutrophication in aquatic systems. This condition is characterized by excessive algal growth, and subsequent decreases in oxygen levels. In general, proper use and disposal of this product should pose no adverse ecological risk. [0,8-19,15-062300]

13. Disposal Considerations

Product Disposal Considerations:

In accordance with all federal, state and local requirements.

RCRA HAZARD CLASS

N/A

14. Transportation Information

Hazardous Material Description: (Proper shipping name, hazard class, hazard ID#, packing group)

Domestic ground non-bulk: NOT REGULATED

Domestic ground bulk: NOT REGULATED

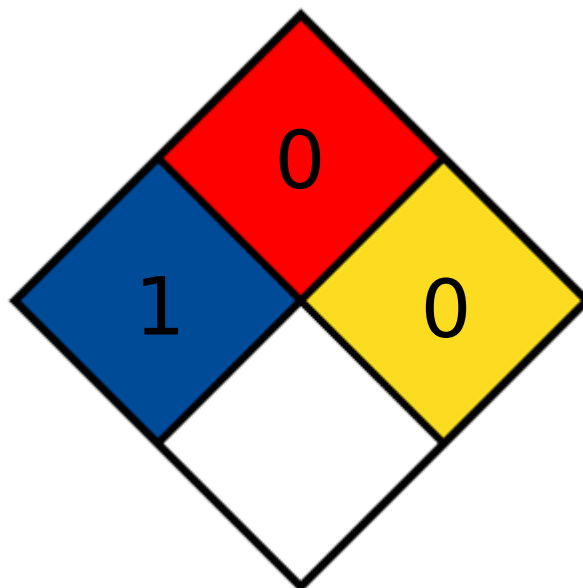
International: NOT REGULATED

15. Regulatory Information

SARA TITLE III (313):

This product contains the following chemical(s) above deminis concentrations and may be subject to reporting under section 313: None above de minimis levels.

HEALTH	1
FIRE	0
REACTIVITY	0
PPE	



16. Other Information

SDS Revision:

NONE

Date:

9/21/2015

SDS Author:

GENERAL CHEMICAL CORP

Disclaimer:

The development of this Safety Data Sheet (SDS) relies upon information provided to us by each of our raw material suppliers. This SDS will be updated as changes occur to their SDS(s). We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damage, direct or indirect, as a result of their use.