Safety Data Sheet

1. Identification

Product Information: TV-2

Product Name: CAR WASH

Recommended Use: Car Wash

Application Method: Refer to Product Label

Supplied by: GPM

201 Jandus Road Cary, IL 60013

Telephone: (847) 639-5383

Emergency Telephone: (866)257-3981

2. Hazards Identification

EMERGENCY OVERVIEW: This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Classification

No GHS Classifications were found

Symbol(s) of Product

No GHS Symbols Exist

Signal Word

No Signal Word has been assigned

Possible Hazards

2% of the mixture consists of ingredients of unknown acute toxicity

3. Composition/Information on Ingredients

<u>Chemical Name</u>	CAS-No.	Wt. % GHS Symbols	GHS Statements
BRANCHED-NONYLPHENOL, ETHOXYLATED	68412-54-4	1.0-2.5 No Information	No Information
COCAMIDE DEA	68603-42-9	1.0-2.5 No Information	No Information
TETRASODIUM ETHYLENE DIAMINE	64-02-8	0.1-1.0 GHS05-GHS06	H302-318-331
TETRAACETATE			
DIETHANOLAMINE	111-42-2	0.1-1.0 GHS05-GHS07-	H302-315-318-351-373
		GHS08	

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures



FIRST AID - INHALATION: Remove person to fresh air. If signs/symptoms continue, get medical attention.

FIRST AID - SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS OR IF CONTACT HAS BEEN PROLONGED OBTAIN MEDICAL ATTENTION. FLUSH WITH WATER.

FIRST AID - EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER IMMEDIATELY AND REPEATEDLY AND SEEK

PROMPT MEDICAL ATTENTION.

FIRST AID - INGESTION: Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Have the victim drink 8 to 10 ounces (240 - 300 ml) of water to dilute the material in the stomach. If vomiting occurs naturally, have the victim lean forward to reduce the risk of aspiration. Consult a physician immediately.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Container may rupture on heating.

SPECIAL FIREFIGHTING PROCEDURES: Use a self-contained breathing apparatus with full facepiece operated in pressuredemand or other positive pressure mode. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, Water Fog

Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS: No Information

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ISOLATE HAZARD AREA AND KEEP UNNECESSARY PEOPLE AWAY. DO NOT ALLOW THE LIQUID TO ENTER INTO ANY SEWERS, ONTO THE GROUND OR INTO ANY BODY OF WATER. FOR LARGE SPILLS, USE A DIKE AND PUMP INTO APPROPRIATE CONTAINERS. SMALL SPILLS, DILUTE WITH WATER AND RECOVER OR USE NON-COMBUSTIBLE ABSORBENT MATERIAL AND SHOVEL INTO WASTE CONTAINERS.

7. Handling and Storage





HANDLING: KEEP FROM FREEZING.

STORAGE: Store in a cool dry area. KEEP OUT OF REACH OF CHILDREN.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name

ACGIH TLV-TWA

ACGIH-TLV STEL

OSHA PEL-TWA

OSHA PEL-CEILING

BRANCHED-NONYLPHENOL,
ETHOXYLATED

N.E.

N.E.

N.E.

N.E.

COCAMIDE DEA N.E. N.E. N.E. N.E. TETRASODIUM ETHYLENE DIAMINE N.E. N.E. N.E. N.E. **TETRAACETATE** DIETHANOLAMINE 1 mg/m3 (Inhalable N.E. N.E. N.E.

fraction)

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required.



SKIN PROTECTION: PVC or other plastic material glovesNitrile rubberNatural Rubber



EYE PROTECTION: Safety goggles



OTHER PROTECTIVE EQUIPMENT: EYE WASH AND SAFETY SHOWERS SHOULD BE READILY AVAILABLE.



HYGIENIC PRACTICES: Wash hands before eating, drinking, or smoking.

9. Physical and Chemical Properties

Appearance: Blue Green Liquid Physical State: Liquid

Odor Threshold: Odor: Citrus Odor No Information Density, g/cm3: pH: 6.5 - 8.01.008 Freeze Point, °C: Viscosity: No Information No Information Partition Coefficient, n-octanol/ Solubility in Water: No Information No Information

Decomposition temperature, °C No Information water:

Boiling Range, °C: 98 - 104 Explosive Limits, %: N/A

Combustibility:Does not Support Combustion
Slower than EtherFlash Point, °C:
Auto-Ignition Temperature, °CNot Applicable
No InformationVapor Density:Lighter than AirVapor Pressure, mmHg:No Information

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: THIS MATERIAL IS STABLE UNDER NORMAL STORAGE AND HANDLING CONDITIONS.

CONDITIONS TO AVOID: KEEP FROM FREEZING.

INCOMPATIBILITY: No Information

HAZARDOUS DECOMPOSITION PRODUCTS: MAY GENERATE TOXIC OR IRRITATING COMBUSTION PRODUCTS.

11. Toxicological Information



Practical Experiences

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

EFFECT OF OVEREXPOSURE - SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION.

EFFECT OF OVEREXPOSURE - EYE CONTACT: MILD EYE IRRITANT.

EFFECT OF OVEREXPOSURE - INGESTION: May be harmful if swallowed.

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: Under normal use conditions, this product is not expected to cause adverse health effects.

CARCINOGENICITY: No Information

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	Oral LD50	Dermal LD50	Vapor LC50
68603-42-9	COCAMIDE DEA	12200 mg/kg	>2000 mg/kg	N.I.
64-02-8	TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	630 mg/kg	N.I.	10 mg/l
111-42-2	DIETHANOLAMINE	1,600 mg/kg (Rat)	12,200 mg/kg (Rabbi	t) N.I.

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: No Information

13. Disposal Information



Product

DISPOSAL METHOD: No Information

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ISOLATE HAZARD AREA AND KEEP UNNECESSARY PEOPLE AWAY. DO NOT ALLOW THE LIQUID TO ENTER INTO ANY SEWERS, ONTO THE GROUND OR INTO ANY BODY OF WATER. FOR LARGE SPILLS, USE A DIKE AND PUMP INTO APPROPRIATE CONTAINERS. SMALL SPILLS, DILUTE WITH WATER AND RECOVER OR USE NON-COMBUSTIBLE ABSORBENT MATERIAL AND SHOVEL INTO WASTE CONTAINERS.

14. Transport Information

DOT Technical Name:

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT Proper Shipping Name: No Information Packing Group: No Information

Hazard SubClass: No Information

Resp. Guide Page: No Information

DOT Hazard Class: No Information DOT UN/NA Number: No Information

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical NameCAS-No.FORMALDEHYDE50-00-0

No Information

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u> <u>CAS-No.</u>

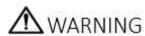
WATER 7732-18-5 Surfactant Proprietary

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

Chemical NameCAS-No.WATER7732-18-5SurfactantProprietary

CALIFORNIA PROPOSITION 65 CARCINOGENS



Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

 Chemical Name
 CAS-No.

 COCAMIDE DEA
 68603-42-9

 DIETHANOLAMINE
 111-42-2

 FORMALDEHYDE
 50-00-0

 1,4-DIOXANE
 123-91-1

 ETHYLENE OXIDE
 75-21-8

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS



Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical NameCAS-No.ETHYLENE OXIDE75-21-8

International Regulations: As follows -

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class No Information

16. Other Information

Revision Date: 3/7/2018 Supersedes Date: New MSDS

Reason for revision: No Information

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: N.I.

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.

H331 Toxic if inhaled.

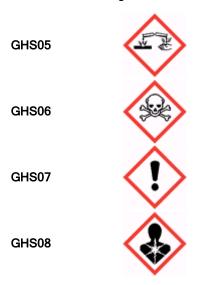
H351 Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal

studies. Mixtures with concentrations of suspected carcinogens ingredients at concentration present between 0.1% and 1.0% labelling the SDS will be optional depending on authorities. If Category 2 carcinogenic present at a concentration of 1% or above labelling the SDS will be expected. Routes of

exposure are dependant on ingredient form.

H373 May cause damage to organs through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.