

# 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>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
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-GHS08	H302-315-318-351-373

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 pressure-demand or other positive pressure mode. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.

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

## 6. 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

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
BRANCHED-NONYLPHENOL, ETHOXYLATED	N.E.	N.E.	N.E.	N.E.
COCAMIDE DEA	N.E.	N.E.	N.E.	N.E.
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	N.E.	N.E.	N.E.	N.E.
DIETHANOLAMINE	1 mg/m <sup>3</sup> (Inhalable fraction)	N.E.	N.E.	N.E.

**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 gloves Nitrile rubber Natural 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

<b>Appearance:</b>	Blue Green Liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Citrus Odor	<b>Odor Threshold:</b>	No Information
<b>Density, g/cm3:</b>	1.008	<b>pH:</b>	6.5 - 8.0
<b>Freeze Point, °C:</b>	No Information	<b>Viscosity:</b>	No Information
<b>Solubility in Water:</b>	No Information	<b>Partition Coefficient, n-octanol/ water:</b>	No Information
<b>Decomposition temperature, °C</b>	No Information		
<b>Boiling Range, °C:</b>	98 - 104	<b>Explosive Limits, %:</b>	N/A
<b>Combustibility:</b>	Does not Support Combustion	<b>Flash Point, °C:</b>	Not Applicable
<b>Evaporation Rate:</b>	Slower than Ether	<b>Auto-Ignition Temperature, °C</b>	No Information
<b>Vapor Density:</b>	Lighter than Air	<b>Vapor Pressure, mmHg:</b>	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>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
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 (Rabbit)	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

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT Proper Shipping Name:	No Information	Packing Group:	No Information
DOT Technical Name:	No Information	Hazard SubClass:	No Information
DOT Hazard Class:	No Information	Resp. Guide Page:	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:

<u>Chemical Name</u>	<u>CAS-No.</u>
FORMALDEHYDE	50-00-0

#### 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>
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WATER  
Surfactant

7732-18-5  
Proprietary

### PENNSYLVANIA RIGHT-TO-KNOW

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

<u>Chemical Name</u>	<u>CAS-No.</u>
WATER	7732-18-5
Surfactant	Proprietary

### CALIFORNIA PROPOSITION 65 CARCINOGENS



**WARNING**

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

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

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

<u>Chemical Name</u>	<u>CAS-No.</u>
ETHYLENE OXIDE	75-21-8

### 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

<b>Revision Date:</b>	3/7/2018	<b>Supersedes Date:</b>	New MSDS
<b>Reason for revision:</b>	No Information		
<b>Datasheet produced by:</b>	Regulatory Department		

#### HMIS Ratings:

<b>Health:</b>	1	<b>Flammability:</b>	0	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	N.I.
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#### 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:**

GHS05



GHS06



GHS07



GHS08



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.