

Rev 07/04

MATERIAL SAFETY DATA SHEET**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name: CAR WASH
Chemical Name: Surfactant blend
Supplier: South/Win LTD
Po Box 20461
Greensboro, NC 27420
Emergency telephone number: Chemtrec (24 hours) 800-424-9300
For MSDS, Product Safety, or Regulatory
Customer Service: 800-648-4393

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS#</u>	<u>CONCENTRATION</u>
Surfactant blend	Trade secret	<15%
Water		>85%

3. HAZARDS IDENTIFICATION**APPEARANCE**

Physical state	Liquid
Color	Purple, Blue, Green, Orange, Red
Odor	Mild

EMERGENCY OVERVIEW**CAUTION!****CAUSES EYE AND SKIN IRRITATION.****MAY BE HARMFUL IF SWALLOWED.****SEE SECTION 11 FOR INFORMATION ON CHRONIC HEALTH EFFECTS.****SEE SECTION 7 OF THE MSDS FOR INFORMATION ON TRACE ETHYLENE OXIDE CONTENT.****POTENTIAL HEALTH EFFECTS**SwallowingAcute effects

May be harmful if swallowed.

Skin absorption**Acute effects**

Harmful effects are not expected from short periods of contact.

Inhalation**Acute effects**

Short-term harmful health effects are not expected from vapor generated at ambient temperature.

Skin contact**Acute effects**

Causes irritation

Eye contact**Acute effects**

Causes irritation

POTENTIAL ENVIRONMENTAL EFFECTS

This product is expected to be moderately toxic to aquatic organisms.

4. FIRST AID MEASURES**Swallowing**

Obtain medical attention immediately.

Skin

Immediately flush skin thoroughly with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention if irritation persists.

Inhalation

Remove to fresh air. Obtain medical attention if symptoms persist.

Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: > 94 C (> 200 F)

Special protective equipment for firefighters.

Use self-contained breathing apparatus when fighting fires in enclosed areas.

Extinguishing media**Suitable:**

Extinguish with:

- water fog
- dry chemical
- CO2
- alcohol resistant foam
- water spray

Unsuitable: _____

None

6. ACCIDENTAL RELEASE MEASURES**Environmental precautions**

Avoid runoff to sewers or waterways. Product is dispersible in water. May be harmful to aquatic life.

Methods for cleaning up

Absorb on inert material such as sand, earth, vermiculite.

Product is soluble in water.

Contain or minimize dispersion and collect if possible.

If not possible disperse residue to reduce aquatic harm.

Report per regulatory requirements.

7. HANDLING AND STORAGE

HANDLING

Handling precautions

Do not get in eyes, on skin, on clothing. Keep container tightly closed to prevent contamination. Wear recommended Personal protection equipment. Never use pressure to empty container.

Other precautions

This product contains trace amounts of ethylene oxide, a condition which creates the potential for accumulation of ethylene oxide in the headspace of shipping and storage containers and in enclosed areas where the product is being handled or used. If this product is handled according to the recommendations in this MSDS, the presence of these trace amounts of ethylene oxide is not expected to result in any short-term or long-term hazard.

STORAGE

Storage requirements

Causes eye irritation. Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

No unusual personal protection means required.

Avoid contact with eyes.

ENGINEERING CONTROLS

Ventilation

General (mechanical) room ventilation is expected to be satisfactory for normal handling.

EXPOSURE LIMITS

No exposure limits have been established.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state:

Liquid

Color: Purple, Blue, Green, Orange, Red
Odor: Mild

OTHER PROPERTIES

Boiling point: Not determined
Melting point: Not determined
pH: 7.0-8.5
Concentration:
150 g/l
Density: 1.05 g/cm³ at 25 C
Vapor pressure: Not determined
Vapor density (air=1): Not determined
Solubility in water: Soluble
Flash point: >94 C (>200 F)
Method: Pensky-Martens closed cup ASTM D 93
Percent volatiles: <1% (m)

10. STABILITY AND REACTIVITY

Stability: Stable

Stability-Conditions to avoid
Stable under normal conditions.

Incompatible materials
Strong oxidizing agents.

Hazardous combustion products
Carbon monoxide.
Carbon dioxide.
Oxides of nitrogen.
Oxides of sulfur.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Assessment

The National Toxicology Program (NTP) has released preliminary reports from chronic (lifetime) dermal exposure studies in rats and mice exposed to diethanolamine and coco diethanolamide. In these studies, the NTP found "no evidence of carcinogenic activity for male and female rats and clear evidence of carcinogenic activity for male and female mice" for diethanolamine and "no evidence of carcinogenic activity for male rats, equivocal evidence of carcinogenic activity for female rats, and clear evidence of carcinogenic activity for male and female mice" for coco diethanolamide. It should be stressed that the NTP has not formally added diethanolamine or coco diethanolamide to its list of known carcinogens and that this is only a preliminary finding.

The Chemical Manufacturer's Association's Alkanolamine Panel has called into question whether the NTP studies discussed above are sound scientifically or not. This was the result of a limited audit and technical review which was done with the consent of NTP. This CMA Panel also points out that the results of these NTP studies in mice are not consistent with other studies conducted with diethanolamine designed to determine its carcinogenic or tumorigenic potential. In light of these factors and issues, the relevance, if any, of these mouse studies to humans is unclear.

Ethylene oxide is classified by the International Agency for Research on Cancer (IARC) as Group 1-"human limited evidence, animal sufficient evidence"; by the National Toxicology Program (NTP) as "reasonably anticipated to be a human carcinogen" and by the American Conference of Government Industrial Hygienists (ACGIH) as a "suspected human carcinogen".

12. ECOLOGICAL INFORMATION

This product is expected to be moderately toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

General:

It is our opinion this product is not a RCRA hazardous waste. It is the generator's responsibility to make their own Determination as to the RCRA status of waste they generate. We have not performed a Toxicity Characteristic Leachate Procedure (TCLP) on this product. Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

Non-cleaned packages:

Dispose of washing solution in the same way as product.

14. TRANSPORT INFORMATION

DOT Classification

Not regulated by ground or rail if shipped or transported in containers less than 450 liters.

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(ALKYLBENZENESULPHONATES, BRANCHED AND STRAIGHT CHAIN)
Class: 9
UN ID#: UN 3082
Packing group: III
Marine pollutant: MARINE POLLUTANT
Freight description road: CLEANING, SCOURING OR WASHING COMPOUNDS, N.O. 1

IMDG Classification

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(ALKYLBENZENESULPHONATES, BRANCHED AND STRAIGHT CHAIN)
Class: 9
UN ID#: UN 3082
Packing group: III
Marpol name: MARINE POLLUTANT

ICAO Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires Notification of the National Response Center of release of quantities of hazardous substances equal to or Greater than the reportable quantities (RQ'S) in 40CFR302.4

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical name</u>	<u>CAS#</u>	<u>Max weight %</u>
Oxirane	RQ 10 pounds for 75-21-8	<0.001

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning Based on Threshold Planning Quantities (TPQ'S) and release reporting based on Reportable Quantities (RQ'S) In 40CFR355 (used for SARA 302 and 304).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical name</u>	<u>CAS#</u>	<u>Max weight %</u>
Oxirane	75-21-8	<0.001

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual Reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be Included in MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

None

Pennsylvania Right-to-know Hazardous Substance List-Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical name</u>	<u>CAS#</u>	<u>Max weight %</u>
Glycerine	56-81-5	

New Jersey Worker and Community Right-to-know Act (Labeling Requirements)

<u>Chemical name</u>	<u>CAS#</u>	<u>New Jersey TS Number</u>
Surfactant blend	Trade secret	136411-5090P 136411-5096P 136411-5118P

16. OTHER INFORMATION**HMIS RATING**

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PFI: -

LEGEND

STP	STANDARD TEMPERATURE AND PRESSURE
W/W	WEIGHT/WEIGHT
0(HMIS)	MINIMAL HAZARD
1(HMIS)	SLIGHT HAZARD
2(HMIS)	MODERATE HAZARD
3(HMIS)	SERIOUS HAZARD
4(HMIS)	SEVERE HAZARD
X (HMIS)	PERSONAL PROTECTION RATING TO BE SUPPLIED BY USER DEPENDING ON USE CONDITIONS

The opinions expressed herein are those of qualified experts within the manufacturer. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of the manufacturer, it is the user's obligation to determine the conditions of safe use of the products.