SECTION 1: Identification

1.1 Product identifier
Product name: Vehicle Wash & Sheet
Product number: pak5478
Brand: PAK-IT

1.4 Supplier's details
Name: Big 3 Packaging, LLC
Address: 5039 Comly Street, Suite B
Philadelphia, PA 19135 USA
Telephone: 215-743-4201
Fax: 215-288-0847
Email: help@big3packaging.com

1.5 Emergency phone number(s):
1-800.535.5053

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture
- Acute toxicity, oral (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 3
- Skin corrosion/irritation (chapter 3.2), Cat. 3
- Eye damage/irritation (chapter 3.3), Cat. 2
- Acute toxicity, inhalation (chapter 3.1), Cat. 4

2.2 GHS label elements, including precautionary statements

Pictogram

Signal word: Warning

Hazard statement(s)
- Harmful if swallowed. Causes mild skin irritation. Harmful if inhaled.

Precautionary statement(s)
- Avoid breathing mist, vapours and/or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective clothing and eye protection.

Response
- IF SWALLOWED: Call a POISON CENTER and doctor if you feel unwell. IF ON SKIN: Wash affected area with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a POISON CENTER and doctor if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice and/or attention. If eye irritation persists: Get medical advice and/or attention. Take off contaminated clothing and wash it before reuse. Dispose of contents and/or container in accordance with local or national regulation.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components
1. BURCO APR-95
Concentration: <= 55 %
Other names / synonyms: BURCO APR-95 Surfactant
CAS no.: 34398-01-1

2. Imidazolium compounds,
1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, disodium salts
Concentration: <= 25 %
Other names / synonyms: Colateric 2CM-40G
CAS no.: 68604-71-7

3. Glycerides, coco mono- and di-, ethoxylated
Concentration: <= 18 %
Other names / synonyms: Chemonic LI-7
CAS no.: 68201-46-7

4. Hexylene glycol
Concentration: >= 5 %
Other names / synonyms: 2-METHYPENTANE-2,4-DIOL; 2,4-Pentanediol; 2-methyl-
EC no.: 203-489-0 CAS no.: 107-41-5 Index no.: 603-053-00-3
- Eye damage/irritation (chapter 3.3), Cat. 2 - Skin corrosion/irritation (chapter 3.2), Cat. 2. Causes skin irritation. Causes serious eye irritation

5. Isopropyl Alcohol
Concentration: >= 5 %
Other names / synonyms: 2-HYDROXYPROPANE; 2-PROPNAL; 2-PROPYL ALCOHOL; ALCOJEL; ALCOSOLVE; ALCOSOLVE 2; AVANTIN; AVANTINE; CHROMAR; COMBISCHUTZ; DIMETHYLCARBINOL; HARTOSOL; IMSOL A; ISOHOL; ISOPROPYL ALCOHOL; LUTOSOL; N-PROPAN-2-OL; PETROHOL; PRO; PROPAN-2-OL; PROPOL; reaction mass of: bis(1S,2S,4S)-(1-benzyl-4-tert-butoxycarboxamido-2-hydroxy-5-phenyl)pentylammonium succinate; SEC-PROPYL ALCOHOL; SPECTRAR; STERISOL HAND DISINFECTANT; TAKINEOCOL; UN 1219
EC no.: 414-810-0 CAS no.: 67-63-0 Index no.: 607-403-00-6
Causes serious eye irritation

6. Phloxine B
Concentration: Not specified
Other names / synonyms: Acid Red 2; C.I. 45410; Eosine I bluish; Spiro[isobenzofuran-1(3H),9-[9H]xanthen]-3-one, 2',4',5',7-tetabromo-4,5,6,7-tetachloro-3',5'-dihydroxy-, sodium salt (1:2)
CAS no.: 18472-87-2

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.
SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical
In combustion may emit toxic fumes.

5.3 Special protective actions for fire-fighters
Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid contact with skin, eyes and clothing to the product concentrate from damaged or leaking packets. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8). Avoid breathing vapour or mist.

6.2 Environmental precautions
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up
Small spill: Move containers from spill area. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container.
Large spill: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Contaminated absorbent material may pose the same hazard as the spilled product.

Reference to other sections
Note: see SECTION 1 for emergency contact information, SECTION 8 for personal protection and section 13 for waste disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
The intact sachets can be handled without the need for personal protective equipment while ensuring that care is taken when handling to avoid damage, leakage or spillage. In the event of potential exposure to the concentrate product the following precautions are applicable.
Avoid contact with skin, eyes and clothing.
Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

7.2 Conditions for safe storage, including any incompatibilities
Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10), food and drink. Store between 4oC and 60oC. Keep outer container tightly closed and sealed until ready for use. Reseal after use. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
1. Isopropyl alcohol (CAS: 67-63-0)
   PEL (Inhalation): 400 ppm (OSHA)
   OSHA Annotated Table Z-1, www.osha.gov
2. Isopropyl alcohol (CAS: 67-63-0)
   PEL (Inhalation): 980 mg/m3 (OSHA)
   OSHA Annotated Table Z-1, www.osha.gov
3. Isopropyl alcohol (CAS: 67-63-0)
   PEL (Inhalation): 400 ppm, (ST) 500 ppm (Cal/OSHA)
   OSHA Annotated Table Z-1, www.osha.gov
4. Isopropyl alcohol (CAS: 67-63-0)
   REL (Inhalation): 400 ppm, (ST) 500 ppm (NIOSH)
   OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls
The following applies to exposure to the concentrate. The sachets may be handled in accordance with Section 7.

8.3 Individual protection measures, such as personal protective equipment (PPE)
Eye/face protection

Note:

- In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- In case of skin contact: Rinse with plenty of water. Get medical attention if irritation develops and persists.
- If swallowed: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

OSHA Annotated Table Z-1, www.osha.gov
Safety Data Sheet
Vehicle Wash & Sheet

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**
Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

**Body protection**
Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

**Respiratory protection**
No special precautions for casual exposure. Ventilation Local Exhaust: None required with normal consumer use. Special: None. Industrial (General): Normal/general dilution ventilation is acceptable. Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

**SECTION 9: Physical and chemical properties**

Information on basic physical and chemical properties
- Appearance/form: Clear Liquid Pink
- Odor: No Fragrance Added
- pH: 10.0 ± 1.0
- Melting point/freezing point: N/A
- Initial boiling point and boiling range: N/A
- Flash point: No Flash to Boiling
- Evaporation rate: N/A
- Flammability (solid, gas): N/A
- Upper/lower flammability limits: N/A
- Upper/lower explosive limits: N/A
- Vapor pressure: N/A
- Vapor density: N/A
- Relative density: 1.01
- Solubility(ies): N/A
- Partition coefficient: n-octanol/water: N/A
- Auto-ignition temperature: N/A
- Decomposition temperature: N/A
- Viscosity: N/A
- Explosive properties: N/A
- Oxidizing properties: N/A

Other safety information
* pH listed above is at concentrate levels
** pH when used at recommended dilution level is 9.0 ± 1.0
Samples were analyzed for flashpoint using an automated closed cup flashpoint instrument.

**SECTION 10: Stability and reactivity**

10.1 Reactivity
Stable under normal conditions. Hazardous polymerisation will not occur.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid
Avoid extremes of heat (>60oC) and cold (<-1oC).

10.5 Incompatible materials
Avoid strong bases, acids and strong oxidising or reducing agents.

10.6 Hazardous decomposition products
In combustion may emit toxic fumes such as oxides of carbon and sulphur.

**SECTION 11: Toxicological information**

Information on toxicological effects
- Acute toxicity
  - ISOPROPANOL
    - LD50 Oral - Rat - 5045 mg/kg

Skin corrosion/irritation
- ISOPROPANOL
  - Skin - Rabbit - 500 mg MLD

Serious eye damage/irritation
- ISOPROPANOL
  - Eyes - Rabbit - 10 mg MOD

Respiratory or skin sensitization
Based on the available data on component substances, the classification criteria are not met.

Germ cell mutagenicity
Based on the available data on component substances, the classification criteria are not met.

Carcinogenicity
Based on the available data on component substances, the classification criteria are not met.

Reproductive toxicity
Based on the available data on component substances, the classification criteria are not met.

STOT-single exposure
Based on the available data on component substances, the classification criteria are not met.

STOT-repeated exposure
Based on the available data on component substances, the classification criteria are not met.

Aspiration hazard
Based on the available data on component substances, the classification criteria are not met.

**SECTION 12: Ecological information**

Toxicity
No data is available on the product. Based on the hazardous substances in the mixture and their concentration the product has been assessed according to the calculation method of Regulation (EC) 1272/2008.
Persistence and degradability
Data Not Available.
Bioaccumulative potential
Low potential
Mobility in soil
Isopropyl alcohol: Mobile in the water environment
Results of PBT and vPvB assessment
This mixture does not contain any substances that are assessed to be PBT or vPvB.

SECTION 13: Disposal considerations
Disposal of the product
Dispose of contents/container in accordance with the local/regional/national/international regulations.
Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill.
Disposal of contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information
DOT (US)
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations specific for the product in question
Massachusetts Right To Know Components
Chemical name: Isopropyl alcohol (mfg-strong acid process)
CAS number: 67-63-0
New Jersey Right To Know Components
Common name: ISOPROPYL ALCOHOL
CAS number: 67-63-0
Pennsylvania Right To Know Components
Chemical name: 2-Propanol
CAS number: 67-63-0
New Jersey Right To Know Components
Common name: HEXYLENE GLYCOL
CAS number: 107-41-5
Pennsylvania Right To Know Components
Chemical name: 2,4-Pentanediol, 2-methyl-
CAS number: 107-41-5

SECTION 16: Other information
16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Big 3 Packaging, LLC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Big 3 Packaging, LLC has been advised of the possibility of such damages.