

BIG 3 PACKAGING, LLC

Safety Data Sheet

Vehicle Wash & Shine

SECTION 1: Identification

- 1.1 Product identifier**
Product name: Vehicle Wash & Shine
Product number: pak5458
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
 - Sensitization, skin (chapter 3.4), Cat. 1
 - Eye damage/irritation (chapter 3.3), Cat. 2
 - Acute toxicity, inhalation (chapter 3.1), Cat. 4
 - Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
 - Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1
 - Eye damage/irritation (chapter 3.3), Cat. 1
- 2.2 GHS label elements, including precautionary statements**
Pictogram



Signal word: Danger

Hazard statement(s): Harmful if swallowed. Causes skin irritation. Causes mild skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye irritation. Harmful if inhaled. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Precautionary statement(s): Avoid breathing mist and 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Call a POISON CENTER/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/doctor if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If skin irritation or a rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage.

Storage/Disposal: Dispose of contents and/or container in accordance with local or national regulation.

SECTION 3: Composition/information on ingredients

- 3.1 Substances**
- Hazardous components**
- 1. BURCO APR-95**
Concentration: < 30 %
- 2. Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, disodium salts**
Concentration: < 30 %
CAS no.: 68604-71-7
- 3. COCONUT OIL ACID DIETHANOLAMINE CONDENSATE (2/1)**
Concentration: < 30 %
Other names / synonyms: Amides, coco, N,N-bis(hydroxyethyl); CLINDROL 200CGN; CLINDROL 202CGN; CLINDROL SUPERAMIDE 100CG; COCAMIDE DEA; COCAMIDE DIETHANOLAMINE; COCONUT DIETHANOLAMIDE; COCONUT OIL ACID DIETHANOLAMINE; COCONUT OIL ACID DIETHANOLAMINE CON (2/1); COCONUT OIL DIETHANOLAMINE; COCONUTOILACIDDIETHANOLAMINECONDENSATE(2/1); COMPERLAN KD; COMPERLAN LS; COMPERLAN PD; CONCO EMULSIFIER K; ELROMID KD 80; EMPILAN CDE; ETHYLAN A 15; ETHYLAN LD; LAURIDIT KDG; MARLAMID D 1218; MONAMID 150D; MONAMID 150DB; N,N-BIS(HYDROXYETHYL)AMIDES, COCO; N,N-BIS(HYDROXYETHYL)COCO AMIDES; N,N-BIS(HYDROXYETHYL)COCO FATTY AMIDES; NCI-C55312; NINOL 1281; NINOL 2012 EXTRA; NINOL 2012E; NINOL P 621; P AND G AMIDE 72; PURTON CFD; SCHERCOMID CDA; STEINAMID DC 2129; STEINAMID DC 2129E; VARAMIDE A 10; VARAMIDE A 2; VARAMIDE A 83; WITCAMIDE 5133; WITCAMIDE 82
CAS no.: 68603-42-9
- 4. DIPENTENE**
Concentration: < 20 %
Other names / synonyms: 1-Methyl-4-isopropenyl-1-cyclohexene; 1,8(9)-p-Menthadiene; Acintene DP; Acintene DP dipentene; Cajeputene; Cinene; Cyclohexene, 1-methyl-4-(1-methylethenyl)-; delta-1,8-Terpodiene; Dipanol; dl-Limonene; Eulimen; Flavor orange; Inactive limonene; Kautschin; Limonene; Nesol; Orange flavor; p-Mentha-1,8-diene, DL-; p-MENTHA-1,8,(9)-DIENE; p-Menthane; Unitene
CAS no.: 138-86-3
- 5. Isopropyl Alcohol**
Concentration: < 5 %
Other names / synonyms: 2-HYDROXYPROPANE; 2-PROPANOL; 2-PROPYL ALCOHOL; ALCOJEL; ALCOSOLVE; ALCOSOLVE 2; AVANTIN; AVANTINE; CHROMAR; COMBI-SCHUTZ; DIMETHYLCARBINOL; HARTOSOL; IMSOL A; ISOHOL; ISOPROPYL ALCOHOL; LUTOSOL; N-PROPAN-2-OL;

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PETROHOL; PRO; PROPAN-2-OL; PROPOL; reaction mass of: bis(1S,2S,4S)-(1-benzyl-4-tert-butoxycarboxamido-2-hydroxy-5-ph enyl)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

6. GLYCEROL

Concentration: < 1 %
Other names / synonyms: 1,2,3-PROPANETRIOL; 1,2,3-TRIHIDROXYPROPANE; 90 TECHNICAL GLYCERINE; GLYCERIN; GLYCERIN, ANHYDROUS; GLYCERIN, SYNTHETIC; Glycerin, U.S.P.; GLYCERINE; GLYCERITOL; GLYCYL ALCOHOL; SYNTHETIC GLYCERINE; TRIHIDROXYPROPANE
CAS no.: 56-81-5

7. Methanol

Concentration: < 1 %
Other names / synonyms: CARBINOL; COLONIAL SPIRIT; COLUMBIAN SPIRIT; meoh; METHYL ALCOHOL; METHYL HYDROXIDE; METHYLALCOHOL; METHYLLOL; MONOHIDROXYMETHANE; NA 1230 (DOT); PYROXYLIC SPIRIT; RCRA WASTE NUMBER U154; UN 1230 (DOT); WOOD ALCOHOL; WOOD NAPHTHA; WOOD SPIRIT
EC no.: 200-659-6 CAS no.: 67-56-1 Index no.: 03-001-00-X

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.

If inhaled: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

In case of skin contact: Rinse with plenty of water. Get medical attention if irritation develops and persists.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

If swallowed: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

Carbon oxides

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

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

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4. Isopropyl alcohol (CAS: 67-63-0)

REL (Inhalation): 400 ppm, (ST) 500 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

5. Glycerin (mist) (CAS: 56-81-5)

PEL (Inhalation): PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

6. Glycerin (mist) (CAS: 56-81-5)

REL (Inhalation): See Appendix D (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

7. Glycerin (mist), Total dust (CAS: 56-81-5)

PEL (Inhalation): 15 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

8. Glycerin (mist), Total dust (CAS: 56-81-5)

PEL (Inhalation): 10 mg/m³, PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

9. Glycerin (mist), Respirable fraction (CAS: 56-81-5)

PEL (Inhalation): 5 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

10. Glycerin (mist), Respirable fraction (CAS: 56-81-5)

PEL (Inhalation): 5 mg/m³, PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

11. METHYL ALCOHOL (CAS: 67-56-1 EC: 200-659-6)

PEL-TWA: 200 ppm (ACGIH)

12. METHYL ALCOHOL (CAS: 67-56-1 EC: 200-659-6)

Headache, Nausea, Dizziness, Eye damage Substances for which there is a Biological Exposure Index or Indices (see BEI[®] section)

Danger of cutaneous absorption

13. METHYL ALCOHOL (CAS: 67-56-1 EC: 200-659-6)

STEL: 250 ppm (ACGIH)

14. METHYL ALCOHOL (CAS: 67-56-1 EC: 200-659-6)

PEL-TWA: 200 ppm, 325 mg/m³ (NIOSH)

15. METHYL ALCOHOL (CAS: 67-56-1 EC: 200-659-6)

Potential for dermal absorption

16. METHYL ALCOHOL (CAS: 67-56-1 EC: 200-659-6)

PEL-TWA: 200 ppm, 260 mg/m³ (OSHA)

USA. Occupational Exposure Limits

(OSHA) - Table Z-1 Limits for Air

Contaminants

17. Methyl alcohol (CAS: 67-56-1)

PEL (Inhalation): 200 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

18. Methyl alcohol (CAS: 67-56-1)

PEL (Inhalation): 260 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

19. Methyl alcohol (CAS: 67-56-1)

PEL (Inhalation): 200 ppm, (ST) 250 ppm, (C) 1000 ppm

(Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

20. Methyl alcohol (CAS: 67-56-1)

REL (Inhalation): 200 ppm, (ST) 250 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

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

Odor: Citrus Fragrance

Odor threshold: Not Established

pH: 9.5 ± 1.0

Melting point/freezing point: Not Established

Initial boiling point and boiling range: Not Established

Flash point: Not Established

Evaporation rate: Not Established

Flammability (solid, gas): Not Established

Upper/lower flammability limits: Not Established

Upper/lower explosive limits: Not Established

Vapor pressure: Not Established

Vapor density: Not Established

Relative density: Not Established

Solubility(ies): Complete in Water

Partition coefficient: n-octanol/water: Not Established

Auto-ignition temperature: Not Established

Decomposition temperature: Not Established

Viscosity: Not Established

SECTION 10: Stability and reactivity

10.1 **Reactivity:** None under normal use conditions.

10.2 **Chemical stability:** Stable under recommended storage conditions.

10.3 **Possibility of hazardous reactions:** None under normal use conditions.

10.4 **Conditions to avoid:** Avoid storing in direct sunlight and avoid extremes of temperature.

10.5 **Incompatible materials:** Oxidizers or Reducing Agents.

10.6 **Hazardous decomposition products:** Oxides of Carbon

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Ethylene glycol... 111-76-2

Oral LD50, mg/kg: 1,414, Guinea Pig Ctg: 4

Skin LD50, mg/kg: 1,200 Guinea Pig Ctg: 4

Inhalation Vapor LD50, mg/L/4hr: 173 Guinea Pig Ctg: NA

Dipentene 138-86-3

Oral LD50, mg/kg: 5,300, Rat - Ctg: NA

Octylpheno... ethanol 9036-19-5

Oral LD50, mg/kg: 3,800, Rat - Ctg: 5

2-methyl... diol 107-41-5

Oral LD50, mg/kg: 3,700, Rat - Ctg: 5

Skin LD50, mg/kg: 7,892, Rabbit - Ctg: NA

Toxicity: Very toxic to aquatic life with long lasting effects.

Persistence and degradability

Octylphenol ethoxylates are extensively biodegraded in laboratory screening tests, but do not meet the stringent criteria for classification as readily biodegradable. These substances are inherently biodegradable to carbon dioxide and water, and numerous studies have shown that under conditions in which sufficient oxygen, nutrients, and microorganism concentrations occur, such as in soils, surface waters, and well-functioning wastewater treatment facilities, the substances are extensively

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form: Clear Dark Blue, Liquid

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biodegraded. Treatment efficiencies vary, although most facilities typically remove between 80 and 90% (through a combination of biodegradation and adsorption).

Bioaccumulative potential: No Data Available.

Mobility in soil: No Data Available.

Results of PBT and vPvB assessment: This product contains no PBT/vPvB chemicals.

CAS number: 111-42-2

WARNING: This product can expose you to chemicals including DIETHANOLAMINE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65

Common name: METHANOL

CAS number: 67-56-1

WARNING: This product can expose you to chemicals including METHANOL, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 13: Disposal considerations

Disposal of the product

Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

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

New Jersey Right To Know Components

Common name: DIPENTENE

CAS number: 138-86-3

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: GLYCERIN

CAS number: 56-81-5

Pennsylvania Right To Know Components

Chemical name: 1,2,3-Propanetriol

CAS number: 56-81-5

Massachusetts Right To Know Components

Chemical name: Methanol

CAS number: 67-56-1

New Jersey Right To Know Components

Common name: METHYL ALCOHOL

CAS number: 67-56-1

Pennsylvania Right To Know Components

Chemical name: Methanol

CAS number: 67-56-1

California Proposition 65

Common name: DIETHANOLAMINE

SECTION 16: Other information

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.