



MATERIAL SAFETY DATA SHEET ALKALINE CLEANER COMPOSITION

Date 11/11
Revised Date 22/11/12

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Abkar Ayar Sanj

Phone Number: (+98) 31 4272 5033

Fax: (+98) 031 33932453

Emergency Phone: 0098 913 317 0248

Product Name: Car Wash/Truck Wash Cleaners

Product Number: ABSAN-CWP

Prepared By: Mr. M. Ghaderi & Mr. H.R. Sadlaleh

Date Prepared: 01/05/2013

Synonyms:

Date Revised: 20/02/2014

2. COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|----------------------|-------|
| Water | >0.2% |
| Benzene Sulphonate | <2% |
| Hydroxide | <0.3% |
| Laurel Ether Sulfate | <5% |
| Chloride | >3% |
| Traces of colourant | n.a. |

3. HAZARDOUS IDENTIFICATION

Emergency Overview:

Eye Contact: mild irritation
Ingestion: possible vomiting
prolonged exposure

POTENTIAL HEALTH EFFECTS

Inhalation: N/A
Skin Contact: some irritation or dryness may occur with
Signs And Symptoms Of Exposure: Slight irritation

4. FIRST AID MEASURES

Eyes: Rinse eyes with plenty water remove contact lenses, rinse under eyelids approx. 2 minutes

Inhalation: Move subject to fresh air area.

Ingestion: Contact local physician

Skin Contact: Rinse with Water

Aggravated Medical Conditions: None known

5. FIRE FIGHTING MEASURES FLAMMABLE PROPERTIES

| | |
|--|--|
| Flash Point: N/A | Flash Point Method: N/A |
| Autoignition: N/A | Extinguishing Media: Water, CO ₂ , Foam. |
| Unusual Fire and Explosion Hazards: N/A | Combustion Products: N/A |

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Spilled Or Released: Mop up and dispose of according to local, state and federal regulations: NO SPECIAL EQUIPMENT OR PROCEDURES

7. HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage: keep from freezing.

Other Precautions: N/A

8. EXPOSURE CONTROL / PERSONAL PROTECTION AND PROTECTIVE EQUIPMENT

| | |
|--|---|
| Respiratory Protection: N/A | Ventilation: N/A |
| Protective Gloves: Yes | Eye Protection: Yes |
| Other Protective Clothing or Equipment: Work/Hygenic Practices: | Engineering Controls: Exposure Guidelines: |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------------------------------|
| Appearance: powder | Solubility in Water: 100% |
| Appearance and odor: white | Specific Gravity: 1.13 |
| Boiling Point: 210 Vapor Pressure: | Evaporation Rate: =1 |
| Melting Point: N/A | pH: 10.2 |
| Vapor Density: N/A Percent Volatile: | |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Stability: Stable | Conditions To Avoid: N/A |
| Incompatibility: N/A | Hazardous Decomposition Or By Products: N/A |
| Hazardous Polymerization: Will Not Occur | Conditions To Avoid: N/A |

11. TOXICOLOGICAL INFORMATION

Nonhuman Toxicity (Data for AUTO SHAMPOO) **Acute Toxicity:** Oral LD50 (rat): >5.0 g/kg body weight
Dermal LD50 (rabbit) >2.0 g/kg body weight
Eye Irritation: With or without rinsing with water, the irritation scores in rabbits at 24 hours did not exceed 15 (mild irritant) on a scale of 0-110.
Dermal Irritation: Very mild, but reversible, irritation was found in a standard 72 hour test on rabbits.

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Revised Date 22/11/12**12. ECOLOGICAL INFORMATION**

Biodegradability: Car wash powder is readily decomposed by naturally occurring microorganisms. The biological oxygen demand (BOD), as a percentage of the chemical oxygen demand (COD), after 4, 7, and 11 days was 56%, 60% and 70%, respectively.

Environmental Toxicity Information: Multi Clean is considered practically non-toxic per EPA's Aquatic toxicity scale.

13. DISPOSAL CONSIDERATIONS

Biodegradable: Dispose of in accordance with all applicable local, state laws. Dispose of used or unused product, and empty containers in accordance with the local, State, Provincial, and Local regulations for your location. Never dispose of used degreasing products into lakes, streams, and open bodies of water or storm drains.

14. TRANSPORT INFORMATION DOT

Class: Non regulated Hazard Class: **UN No.:** N/A
Packing Group: 20 Kg ($\pm 50g$) **Guide No:** N/A

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

*Reportable components: None. No components listed under: Clean Air Act Section 112

ALL Questions about the information found on this MSDS should be directed to:
Company: **ABKAR AYAR SANJ. 19 EBNE-SINA ALLEY. EIZADI AVE. NAJAF ABAD CITY.
ISFAHAN STATE. IRAN**

Telephone: (+98) 31 4272 5033

Fax: (+98) 31 3393 2453

Emergency Phone: 24-Hour Emergency Service: 098 3142 725033

Email: info@abkaran.ir

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