



SAFETY DATA SHEET according to the Hazardous Products Regulations

Foaming Wheel Cleaner

ADCCP-WC804-**

SECTION 1 - IDENTIFICATION

Product Identifier: **Foaming Wheel Cleaner**

Product code PreFix: **ADCCP-WC804-****

Other means of identification No data available

Manufacturer or supplier's details

Company name of supplier: Addiction Detail Chemical Co. (ADCCo)

Address
345 High St
Southampton, Ontario
N0H 2L0

Emergency Phone: (613) 996-6666 (CANUTEC) (888) 749-4121 ADCCo Customer Support)

Transport related
emergencies: CANUTEC (24/7): 1-613-996-6666 or * 666 (cell)

E-mail address sdsmanager@addictiondetailchemical.co

Recommended use of the chemical and restrictions on use

Recommended Uses: Automotive Wheel Cleaner

Restrictions on use: Not applicable



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SECTION 2 – HAZARD IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

| | | |
|--------------------------|-----------------------------------|------------|
| Product Classifications: | Skin Corrosion/Irritation | Category 1 |
| | Serious Eye Damage/Eye Irritation | Category 1 |

GHS label elements

Hazard pictograms / Symbols: GHS05



Signal Word: Danger

Hazard Statements:

- H290 May be corrosive to metal
- H314 Causes severe skin burns and eye damage.
- H318 Causes Serious Eye Damage
- H334 Burns to nose, throat and respiratory tract. Coughing, difficulty breathing and/or shortness of breath.

Precautionary Statements: Store locked up.

Prevention:

- P273 Avoid release to environment
- P280 Wear protective gloves, eye protection and face protection.

Response:

- P302 + P352 IF ON SKIN: Wash with plenty of water
- P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Immediately call a POISON CENTER.
- P362 + P364 Take off contaminated clothing and wash it before reuse.
- P501 Dispose of contents/container according to local, provincial and federal regulations.



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Other hazards

None known.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Common Name/Synonym | CAS Number | Concentration (% w/w) |
|----------------------------|---------------------|------------|-----------------------|
| Urea sulphate | | 21351-39-3 | 10 – 30* |
| Ammonium hydrogen fluoride | | 1341-49-7 | 1 – 5* |
| Linear alcohol ethoxylate | | 68439-45-2 | 1 – 5* |

* Actual concentration or concentration range is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

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| General advice | In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice. |
| IF IN EYES: | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CONTROL CENTRE or doctor. |
| IF ON SKIN: | Wash with plenty of water. Take off contaminated clothing and wash it before reuse. Immediately call a POISON CONTROL CENTRE or doctor. |
| IF SWALLOWED | Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CONTROL CENTRE or doctor. |
| IF INHALED | Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CONTROL CENTRE or doctor. |
| Most important symptoms and effects, both acute and delayed | Eye contact : Burns, redness, watering, pain, loss of vision. Symptoms may be delayed. |
| | Skin contact : Severe burns, redness, itching, swelling, damage to underlying tissues. Symptoms may be delayed. |
| | Ingestion : Burns, Irritation and swelling to mouth, throat and stomach. |
| | Inhalation : Irritation to nose, throat and respiratory tract. Coughing, difficulty breathing and/or shortness of breath. |
| Protection of first aiders | First Aid responders should pay attention to self-protection and use the recommended personal protective equipment. |



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Notes to physician

Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

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| Suitable extinguishing media | As for surrounding fire. Suitable materials include water spray, dry chemical, carbon dioxide, and alcohol-resistant foam. |
| Unsuitable extinguishing media | Not available. |
| Specific hazards during fire fighting | Non-combustible. If in a fire or heated, container may experience a pressure rise and rupture. During fire, gases hazardous to health may be formed. Combustion products include oxides of carbon. |
| Hazardous combustion products | Oxides of carbon Oxides of sulphur Oxides of nitrogen. |
| Specific extinguishing methods | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. |
| Special protective equipment for fire-fighters | As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. |



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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Immediately evacuate personnel to safe areas. Wear appropriate personal protective equipment (See Section 8: Exposure controls / Personal protection). Only trained and properly protected personnel must be involved in clean-up operations. Material may create slippery conditions.
Only trained and properly protected personnel must be involved in clean-up operations.

Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Stop leak if it is safe to do so. Dike spilled material, where possible. Absorb with suitable inert dry material such as absorbent clay and place into closed containers for disposal. Avoid dispersal of spilled material or contact with soil or entry into waterways, sewers and drains. Dispose of contents/containers according to local, provincial, and federal regulations. Following product recovery, flush area with water.
You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.



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SECTION 7. HANDLING AND STORAGE

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| Technical measures | See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. |
| Local/Total ventilation | Use only with adequate ventilation. |
| Advice on safe handling | Avoid inhalation of vapor or mist. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment. Take care to prevent spills, waste and minimize release to the environment. DO NOT STORE IN GLASS. |
| Conditions for safe storage | Keep in properly labeled containers. Keep away from incompatible materials (See Section 10: Stability and Reactivity). Keep away from strong bases, hypochlorites and chlorine-releasing compounds. Keep container tightly closed. Keep away from incompatible materials (See Section 10: Stability and Reactivity). |
| Materials to avoid | Store in accordance with the national regulations. Do not store with the following product types: incompatible materials (See Section 10: Stability and Reactivity). Keep away from strong bases, hypochlorites and chlorine-releasing compounds. |



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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters :

| Chemical Name | CAS Number | Value type | Permissible Concentration | Basis |
|----------------------------|------------|------------|---------------------------|-------|
| Urea sulphate | 21351-39-3 | TLV | Not established | |
| Ammonium hydrogen fluoride | 1341-49-7 | TLV-TWA | 2.5 mg/m3 | ACGIH |
| Linear alcohol ethoxylate | 68439-45-2 | TLV | Not established | |

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values

Engineering measures

Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

Personal protective equipment

If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.

Respiratory protection

Filter type

NIOSH/MSHA approved respiratory protection should be worn if exposure limits are exceeded or irritation is experienced,

Hand protection

Use only chemical-resistant protective gloves.
Wash hands before breaks and at the end of workday.

Eye protection

Safety glasses or chemical splash goggles, and face shield.

Skin and body protection

Chemical-resistant protective gloves.

Hygiene measures

When using do not eat, drink or smoke.
Wash contaminated clothing before re-use.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Clear, liquid |
| Odour | Grape |
| Odour Threshold: | Not available |
| pH: | 3 – 3.5 |
| Freezing Point: | Not available |
| Boiling Point: | Not available |
| Flash Point: | Not available |
| Evaporation Rate: | Not available |
| Flammability: | Not available |
| Lower Flammability Limit: | Not available |
| Upper Flammability Limit: | Not available |
| Vapour Pressure: | Not available |
| Vapour Density: | Not available |
| Relative Density: | 1.07 |
| Solubility: | Complete in water |
| Partition Coefficient: | Not available |
| Auto-ignition Temperature: | Not available |
| Decomposition Temperature: | Not available |
| Viscosity | Not available |
| Explosive properties | Not explosive |
| Oxidizing properties | Not applicable. |
| Particle characteristics / Size | Not applicable |



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SECTION 10. STABILITY AND REACTIVITY

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| Reactivity: | With incompatible materials. Contact with hypochlorites and chlorine-releasing compounds forms toxic chlorine gas. |
| Chemical stability: | Chemically stable |
| Hazardous reactions: | With incompatible materials. Polymerization not expected to occur. |
| Conditions to avoid: | Avoid incompatible materials. |
| Incompatible materials: | Hypochlorites and chlorine-releasing compounds, strong bases |
| Hazardous decomposition products: | Not applicable. |

SECTION 11. TOXICOLOGICAL INFORMATION

| | | |
|-------------------------------------|---|---|
| Routes of exposure | Eye contact | Causes serious eye damage. Symptoms may be delayed. |
| | Skin contact | Causes severe skin burns. Symptoms may be delayed. |
| | Ingestion | Causes burns to mouth, throat and stomach. |
| | Inhalation | Causes burns to nose, throat and respiratory tract. |
| Symptoms of Acute Exposure | Eye contact | Burns, redness, watering, pain, loss of vision. Symptoms may be delayed. |
| | Skin contact | Severe burns, redness, itching, swelling, damage to underlying tissues. Symptoms may be delayed. |
| | Ingestion: | Burns, irritation and swelling to mouth, throat and stomach. |
| | Inhalation: | Burns to nose, throat and respiratory tract. Coughing, difficulty breathing and/or shortness of breath. |
| Respiratory or skin sensitization | Skin sensitization | Not classified based on available information |
| | Respiratory sensitization | Not classified based on available information |
| Germ cell mutagenicity | Not classified based on available information | |
| Carcinogenicity | Not classified based on available information | |
| Reproductive toxicity | Not classified based on available information | |
| STOT-single exposure | Not classified based on available information | |
| STOT-repeated exposure | Not classified based on available information | |
| Aspiration toxicity | Not classified based on available information | |
| Calculated Acute Toxicity Estimates | Oral: | 2,500 – 3,000 mg/kg |



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| Dermal: | > 10,000 mg/kg |
| Inhalation | Not available |

SECTION 12. ECOLOGICAL INFORMATION

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| Toxicity to fish | No data available |
| Toxicity to daphnia and other aquatic invertebrates | No data available |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | No data available |
| Persistence and degradability | |
| Biodegradability | No data available |
| Bioaccumulative potential | |
| Bioaccumulation | No data available |
| Mobility in soil | No data available |
| Results of PBT and vPvB assessment | PBT/ vPvB assessment not available as chemical safety assessment not required/not conducted |
| Endocrine disrupting properties | No data available |
| Other adverse effects | Avoid release to the environment. |

SECTION 13: DISPOSAL CONSIDERATIONS

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| Waste treatment methods | Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. |
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SECTION 14. TRANSPORT INFORMATION

International Regulations

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| UNRTDG | Not regulated as a dangerous good |
| IATA-DGR | Not regulated as a dangerous good |
| IMDG-Code | Not regulated as a dangerous good |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable for product as supplied. |

Domestic regulation

| | |
|------------------------------|---|
| TDG | For transportation in a road vehicle or a railway vehicle : TDG Classification : UN Number: 2922 Shipping Name : CORROSIVE LIQUID, TOXIC, N.O.S. (Urea Sulphate, Ammonium Hydrogendifluoride) Class : 8 Subclass : 6.1 Packing Group : II Limited Quantity : 1L or less |
| Special precautions for user | Not applicable |

SECTION 15. REGULATORY INFORMATION

| | |
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| Volatile organic compounds (VOC) content | CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999 - Guidelines for VOC in Consumer Products VOC content: 0 % / 0 g/l |
|--|---|

The ingredients of this product are reported in the following inventories:

| | |
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| DSL | All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL). |
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SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA- International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO –International Maritime Organization; ISHL -ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Legal Claim

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.