

SAFETY DATA SHEET / FICHE DE DONNÉES DE SÉCURITÉ

PureFlow DPF Cleaner

Prepared according to WHMIS 2015 / Conforme au SIMDUT 2015



SECTION 1 – Identification / Identification	
Prepared in accordance with the Canadian Hazardous Products Regulations (HPR).	
Product Identifier / Identificateur	2 Stage Diesel Particulate Filter Cleaner
Recommended Use / Utilisation	Diesel particulate filter cleaning agent
Manufacturer / Fabricant	Alberta DPF Clean Unit 3, 75 Vroom St, Jersey City NJ 07306 Tel: +1 (403) 560-9031 Email: albertadpfclen@gmail.com
Canadian Importer / Importateur	Alberta DPF Clean Unit 3, 75 Vroom St, Jersey City NJ 07306 Tel: +1 (403) 560-9031 Email: albertadpfclen@gmail.com
Emergency / Urgence	IMPORTER: +1(403) 560-9031

SECTION 2 – Hazards / Dangers	
Classification	Eye Irritation Category 2/ Irritation oculaire Catégorie 2
Signal Word / Mention	WARNING / ATTENTION
Hazard Statement / Danger	H319 Causes serious eye irritation / H319 Provoque une grave irritation des yeux
Precaution / Prévention	Wear eye protection / face protection Porter une protection oculaire / faciale

SECTION 3 – Composition		
Ingredient / Ingrédient	CAS	%
Tetrapotassium Pyrophosphate	7320-34-5	5-18
Alcohols C9-11 Ethoxylated	68439-46-3	1-8
Water	7732-18-5	Balance consists of 89% water

Balance consists of water (89%) and non-hazardous components.

SECTION 4: First Aid Measures

General information Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Ingestion Rinse mouth thoroughly with water. Remove any dentures. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

Skin contact Rinse with water.

Eye contact Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

SECTION 5: Firefighting Measures

Suitable extinguishing media

Alcohol resistant foam carbon dioxide dry powder or water fog

Unsuitable extinguishing media

Do not use water jet as this will spread the fire

Hazardous combustion products

Thermal decomposition may produce toxic gases vapours carbon oxides and phosphorus oxides

Advice for firefighters

Wear positive pressure self contained breathing apparatus and appropriate protective clothing Avoid breathing fire gases Evacuate area Cool containers exposed to flames with water spray

SECTION 6: Accidental Release Measures

Personal precautions

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material.

Environmental precautions

Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Approach the spillage from upwind. Small Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Large Spillages: If leakage cannot be stopped, evacuate area.

Flush spilled material into an effluent treatment plant, or proceed as follows. Contain and absorb spillage with sand, earth or other non-combustible material. Place waste in labelled, sealed containers. Clean contaminated objects and areas thoroughly, observing environmental regulations. The contaminated absorbent may pose the same hazard as the spilled material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Following dilution and neutralisation, discharge to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority

Wear protective clothing

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Large Spillages: If leakage cannot be stopped, evacuate area. Flush spilled material into an effluent treatment plant, or proceed as follows. Contain and absorb spillage with sand, earth or other non-combustible material. Place waste in labelled, sealed containers. Clean contaminated objects and areas thoroughly, observing environmental regulations. The contaminated absorbent may pose the same hazard as the spilled material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Following dilution and neutralisation, discharge to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority

SECTION 7: Handling And Storage

Provide adequate ventilation. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

Storage

Store away from incompatible materials (see Section 10). Store in accordance with local regulations. Store away from the following materials: Acids. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

SECTION 8: Exposure Controls/Personal Protection

Engineering controls

Provide adequate ventilation Use local exhaust ventilation where necessary

Eye protection

Wear chemical splash goggles complying with EN166

Hand protection

Wear chemical resistant gloves complying with EN374 Recommended materials nitrile rubber or butyl rubber

Skin protection

Wear appropriate protective clothing and footwear

Respiratory protection

Use respirator if ventilation is inadequate Ensure equipment complies with EN136 EN140 EN14387

Hygiene measures

Provide eyewash station and safety shower Wash contaminated clothing before reuse

Occupational exposure limits

No exposure limits established for the mixture.

Refer to component supplier SDS where applicable.

SECTION 9: Physical And Chemical Properties

Appearance: Liquid Colour:

Colourless

Odour: Odourless

pH: 9.5 – 10.5

Density: 1.00 – 1.06 @ 20°C

Solubility: Miscible with water

Flash point: Not applicable

Relative density: ~ 1.00 - 1.06 @ 20°C

SECTION 10: Stability And Reactivity

Reactivity

The product is not considered reactive under normal conditions of use, storage, and transport. No hazardous reactions are expected when the product is handled according to recommended practices.

Chemical Stability

Stable under normal ambient temperatures and recommended storage conditions. The product remains stable when stored in tightly closed containers and protected from contamination.

Possibility of Hazardous Reactions

Hazardous reactions are not expected under normal conditions of use. Contact with incompatible materials may result in chemical reactions that could release heat or irritating vapours.

Conditions to Avoid

Avoid excessive heat, freezing conditions, and contamination with incompatible materials. Prolonged exposure to high temperatures or direct sunlight may affect product stability.

Incompatible Materials

Avoid contact with:

- Strong acids
- Strong oxidizing agents
- Reactive metals such as aluminum and copper or their alloys
- Chlorinated oxidizers or strong reducing agents

Contact with incompatible materials may cause degradation of the product and release of irritating vapours.

Hazardous Decomposition Products

Thermal decomposition or combustion may produce hazardous gases and vapours including but not limited to:

- Carbon oxides (CO and CO₂)
- Phosphorus oxides
- Irritating or corrosive fumes

Decomposition products will vary depending on temperature and combustion conditions.

SECTION 11: Toxicological Information

Routes of exposure:

Inhalation, ingestion, skin contact and eye contact.

Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory sensitization: Not expected.

Symptoms:

Eye irritation, redness and respiratory irritation.

Acute toxicity:

ATE oral approximately 21,739 mg/kg.

SECTION 12: Ecological Information

Not expected to be hazardous to aquatic organisms under normal use. The product is water soluble and may disperse in aquatic systems.

SECTION 13: Disposal Considerations

Dispose of product and containers in accordance with Canadian Environmental Protection Act and local regulations.

Do not discharge into drains or waterways.

SECTION 14: Transport Information

Not regulated as dangerous goods under Canadian TDG, ADR, IMDG or IATA regulations.

SECTION 15: Regulatory Information

WHMIS 2015 – Hazardous Products Regulations (SOR/2015–17) Canadian

Environmental Protection Act (CEPA) All components are listed or exempt from the Canadian Domestic Substances List (DSL).

SECTION 16: Other Information

Prepared for Canadian WHMIS compliance. Revision date: 23 August

2024

