

Material Safety Data Sheet

TYPE: PB93

Revision Date: 20 June 2023

MSDS no.: 22-01-017

Section 1- Chemical product and company identification

Trade Name: MOTOR FLUSH

Effective from: 2025.09.21

MSDS#PB93

Part 1 Chemical and Company Identification

(a) Product identifier

Product name: Carbon deposit cleaner

(b) Recommended and not recommended uses of the substance or mixture

Recommended uses : Engine lubrication system cleaning

Not recommended uses : No data

(c) Detailed information of the manufacturer

Supplier : A Q H import and export Pty Ltd. (PRIME-BOND)

Address : 111 nicolasmit street,monument,krugersdorp,Gauteng,south africa

Enterprise emergency contact number : +27-823844256

Email : andre@prime-bond.co.za

Section 2- Composition/Information On Ingredients

Items	Ingredient Name CAS Number JP-	Inhalation hazard category	% vol
01	TSAVIATIONFUEL 64742-47-8	No hazard	100%

Section 3-Hazards Identification

(a) Classification of substances or mixtures according to hazard overview

According to GB 30000 classification

Not applicable

(b) Label elements, including preventive statements

Pictogram : Not applicable

Signal word : Not applicable

Hazard description : Not applicable

H227 Combustible liquid

H304 May be fatal if swallowed and enters airways

Preventive statements:

P101: If medical attention is needed, carry the product container and label
P102: Keep out of reach of children
P103: Read the label before use
P210: Keep away from open flame and hot surfaces. - No smoking
P280: Wear protective gloves/wear protective goggles/wear protective mask
P403 + P235: Store in a well-ventilated place. Keep low temperature
P260: Do not inhale dust/smoke/gas/mist/vapor/spray
P264: Wash thoroughly after contact
P P331: Do not induce vomiting
P301 + P330 + P331 If swallowed accidentally: Rinse mouth. Do not induce vomiting
P303 + P361 + P353 If skin (or hair) is contaminated: Immediately remove/take off all contaminated clothes. Wash skin with water/shower
P363 Contaminated clothes can be reused after cleaning
P304 + P340 If inhaled accidentally: Transfer the victim to fresh air and keep a comfortable resting position for breathing
P310 Call the poison control center or doctor immediately
305 + P351 + P338 If it gets into the eyes: Rinse carefully with water for several minutes. If wearing contact lenses and can be removed easily, remove the contact lenses. Continue rinsing P405: Lock the storage place
P501: Dispose of the contents/container to the designated place according to local/regional/national/international regulations (C) Other hazards: No relevant data

Section 4-First aid measures

(a) Description of emergency measures

General advice: Seek medical help immediately if an accident or discomfort occurs Inhalation

: If inhaling smoke or combustion products, quickly leave the scene to a fresh air place, keep the airway unobstructed, and seek medical help if feeling unwell Ingestion : Rinse the mouth with clean water and seek medical treatment

Eye contact : Raise the eyelids and rinse with flowing clean water or normal saline for at least 15 minutes. Seek medical treatment immediately if there is still irritation

Skin contact Immediately wash thoroughly with soap and plenty of water, and remove all contaminated clothes and shoes. If the skin irritation persists, seek medical treatment

(a) The most important symptoms and effects, acute and delayed: No data

(b) Immediate medical attention and instructions for special treatment: Treat according to symptoms

Section 5- Fire fighting measures

(a) Fire extinguishing agents

Suitable fire extinguishing agents : Carbon dioxide, chemical dry powder

Unsuitable fire extinguishing agents : No data

(b) Special hazards generated by chemicals: No data

(c) Special protective equipment and preventive facilities for firefighters

In case of fire, wear a self-contained breathing apparatus, select appropriate firefighting measures according to the fire environment, transfer the undamaged containers from the dangerous area when it is safe, and dissipate heat to avoid pressure rise. Be careful when using carbon dioxide in a confined space. Carbon dioxide can replace oxygen. Wear an independent breathing apparatus and chemical protective clothing.

Section 6-Accidental Release Measures

(b) Personal preventive measures, protective equipment and emergency procedures: Evacuate personnel to a safe area. Avoid contact with skin, eyes and clothes. Ensure sufficient ventilation, especially in enclosed areas, and do not inhale dust/smoke/gas/mist/vapor/spray.

(c) Environmental protection measures: Prevent the product from entering the sewer

(d) Methods and information for collection and cleaning: Collect and transfer to a suitable labeled container to avoid dust fall.

Section 7- Handling And Storage

(a) Precautions for safe operation:

Handle in accordance with good industrial hygiene and safety practices, avoid contact with skin, eyes and clothes, avoid dust fall, and do not inhale dust/smoke/gas/mist/vapor/spray. (b) Safe storage conditions, including any incompatibility issues:

Store in a sealed place in a dry and cool place. Keep away from fire and heat sources. It should be stored separately from oxidants, acids and halogens. Equip with the corresponding types and quantities of fire-fighting equipment. The storage area should be equipped with suitable materials to contain the leakage.

Section 8- Contact Control / Personal Protection

(a) Exposure control

Engineering control : Strictly abide by the operating procedures, wear protective clothing and rubber gloves; install ventilation equipment in the workplace (b) Personal protective equipment

:

Respiratory protection: Generally, no special protection is required, but it is recommended to wear a self-absorbing filter-type dust mask when it may be in contact with its vapor

Skin protection: Wear general work protective clothing and protective gloves

Eye protection: Generally, no special protection is required, but it is recommended to wear chemical safety protective glasses under special circumstances

Hygiene measures: Wash hands or take a shower after work

(c) Environmental exposure control: Avoid release into the environment

Section 9- Physical and chemical characteristics

Physical state Form: Clear liquid

Olfactory threshold : No data

PH : No data

Melting point/freezing point : No data

Boiling point/boiling range : No data

Flash point : >60 °C (closed cup method)

Evaporation rate: No data

Flammability (solid, gas): No data

Spontaneous combustion limit in air: No data

Vapor pressure: No data

Vapor density : No data

Relative density (20°C) : 0.75 ± 0.03

Water solubility : Insoluble

Partition coefficient [B] No data: No data

Spontaneous combustion temperature : No data

Decomposition temperature : No data

(25°C) : No data

Dynamic viscosity : No data

Combustion and explosion characteristics: No data

Oxidizing property : No data

Section 10-Stability And Reaction Flexibility

(b) Stability: Stable under normal conditions

(c) Chemical stability: Stable under the recommended storage conditions

(d) Possibility of dangerous reactions: No possibility under normal handling

(e) Conditions to avoid: No available data

(f) Incompatible substances: No available data

(g) Harmful decomposition products: No available data

Section 11-Toxicology Data

(a) Information on toxicological effects

Acute toxicity : No data

Skin corrosion/allergy: No data

Severe eye damage/eye irritation :No data

Sensitization effect :No data
Germ cell mutagenicity :No data
Carcinogenicity :No data
Reproductive toxicity :No data
Specific target organ system toxicity - single exposure :No data
Specific target organ system toxicity - repeated exposure: No data
Inhalation hazard substances :No data

Section 12-Ecology Information

Toxicity : No available information
Persistence and degradability : No available information
Potential for bioaccumulation : No available information
Mobility in soil : No available information
Other adverse effects: No available information

Section 13-Disposal

Nature of waste: There is no uniform national regulation for the disposal of chemical residues. Chemical residues are generally treated as special waste.
Disposal method: Before disposal, relevant national and local regulations should be consulted. We suggest that you contact relevant institutions or recognized waste disposal companies, who will advise you on how to dispose of special waste.
Disposal precautions: Must comply with government regulations for special treatment.

Section 14-Transportation Information

Proper Shipping Name: N/A
UN number : 2810
Official transport name : Organic toxic liquid, samples not otherwise specified
Hazard classification : Class 6.1 toxic substances



Transport pictogram

(No.6.1)

Packaging category : No available data
Environmental hazard : No available data

Special precautions : No available data
Bulk transport according to Annex II MARPOL: Not applicable
73/78 IBC code : Not applicable

Section 15-Regulatory Information

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).

Economic commission for Europe Committee on Inland Transport ECE/TRANS/242(Vol. I) of available as from 1 January 2015 European Agreement concerning the International Carriage of Dangerous (ADR)

Convention concerning International Carriage by Rail (COTIF): Appendix C - Regulations concerning the International Carriage of Dangerous Goods by Rail (RID) with effect from 1 January 2011.

Section 16-Other Information

H phrases related in Part 3

H227 Combustible liquid

H304 May be fatal if swallowed and enters airways

Abbreviations:

LC50: Median lethal concentration

LD50: Median lethal dose

ATEmix: Acute Toxicity Estimation of Mixtures

bw: Body weight

GCL: Generic Concentration Limit

Main literature references and data sources: No data