

Material Safety Data Sheet

TYPE: PB88

Revision Date: 20 June 2023
MSDS no.: 22-01-017

Section 1-Chemical product and company identification

Trade name: Petrol Injection Cleaner

Effective Date: 2023.09.21

MSDS#: PB88

(a) Product identifier

Product name : Petrol Injection Cleaner

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

Recommended uses: Cleaning of Automotive Engine Fuel System

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

ITME	Ingredient Name	CAS Number	GHS classification	% vol
01	Methanol	67 - 56 - 1	Flammable liquid: Category 2 Acute oral toxicity: Category 3 Acute dermal toxicity: Category 3 Acute inhalation toxicity: Category 3 Specific target organ toxicity - single exposure: Category 1	88-98%
02	Diethylene glycol monobutyl ether	111 - 76 - 2	Acute dermal toxicity: Category 3 Skin corrosion/irritation: Category Serious eye damage/eye irritation: Category 2A Acute inhalation toxicity: Category 2	1-15%
03	Solvent naphtha	64742 - 94 - 5	Inhalation hazard: Category 1	0.2 -10%

Section 3 - Hazards Identification

(a) Classification of substances or mixtures according to hazard

overview According to GHS classification

Flammable liquid: Category 2

Acute oral toxicity: Category 3

Acute transdermal toxicity: Category 3

Specific target organ toxicity, single exposure: Category 1

Skin corrosion/irritation: Category 2

Severe eye injury/eye irritation: Category 2A

Acute inhalation toxicity: Category 2

(b) Label elements, including preventive statements

ii. Pictogram:

Signal Word :Danger

Hazard Statements H304: May be fatal if swallowed and enters the respiratory tract

H225: Highly flammable liquid and vapor

H301: Toxic if swallowed

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H330: Fatal if inhaled.

H331: Toxic if inhaled.

H370: May cause damage to organs.

Preventive Statements

P101: If medical treatment is required, please bring the product container and label

P102: Keep out of reach of children

P103: Read the label before use

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233: Keep container tightly closed.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilation/lighting equipment.

P242: Only use tools that do not produce sparks.

P243: Take measures to prevent electrostatic discharge.

P260: Do not inhale dust/fume/gas/mist/vapors/spray.

P261: Avoid inhaling dust/fume/gas/mist/vapors/spray.

P264: Wash face and hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Only use outdoors or in a well-ventilated area.

P280: Wear protective gloves/wear protective clothing/wear eye protection/wear a face shield.

P311: Call a poison center or doctor.

P312: If you feel unwell, call a poison center or doctor.

P321: Specific treatment (see label).

P322: Specific treatment (see label).

P330: Rinse mouth.

P361: Immediately remove/remove all contaminated clothing.

P363: Wash contaminated clothing before reuse.

P301 + P310: If swallowed: Immediately call a poison center/doctor.

P302 + P352: If skin is contaminated: Wash with plenty of soap and water.

P303 + P361 + P353: If skin (or hair) is contaminated: Immediately remove/remove all contaminated

clothing. Wash skin/shower with water.

P304 + P340: If inhaled by mistake: Transfer the victim to a fresh air place and keep a comfortable resting position for breathing.

P308 + P311: If contacted: Call a poison center or doctor.

P370 + P378: In case of fire: Use a suitable fire extinguishing medium mentioned in Part 5 of the SDS.

P405: Store in a locked place.

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

P403 + P235: Store in a well-ventilated place. Keep at low temperature.

P501: Dispose of the contents/container at a designated location in accordance with local/regional/national/international regulations. iii.(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 : 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

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

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

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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

(a) 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.

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

(c) 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 - Exposure Controls / 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

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

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Section 9 - Physical and Chemical Properties

Physical State: Blue liquid

Olfactory threshold : No data

pH : No data

Melting point/freezing point : -98° C

Boiling point/boiling range : 65° C

Flash point : 9° C

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) : 0.79 ± 0.02

Water solubility : Partially miscible

Partition coefficient [B] No data : No data

Spontaneous combustion temperature : No data

Decomposition temperature : No data

Kinematic viscosity (25° C) : No data
Dynamic viscosity : No data
Combustion and explosion characteristics : No data
Oxidizing property : No data

Section 10 - Stability and Reactivity

- (a) Stability: Stable under normal conditions
- (b) Chemical stability: Stable under the recommended storage conditions
- (c) Possibility of dangerous reactions: No possibility under normal handling
- (d) Conditions to avoid: No available data
- (e) Incompatible substances: No available data
- (f) Harmful decomposition products: No available data

Section 11- Toxicological Information

- (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

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Section 12 - Ecological 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 Considerations

Waste disposal method : Product disposal suggestion: Comply with local regulations

Packaging disposal suggestion: Containers can be recycled or reused. Comply with local regulations. If the material may have an impact on the environment and human health, as unclassified waste, it should be recycled separately for recycling and reuse

Section 14 - Transport Information

Proper Shipping Name: Alcohols, flammable, toxic, unspecified samples

UN number : 1986

Official transport name: Fuel Injector Cleaner

Hazard classification : Class 3 Flammable Liquid FTI

Transport pictogram :

Packaging category :No available data

Environmental hazard :No available data

Special precautions :No applicable

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.

The strongest hold for the toughest material

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).

Material Safety⁴ Data Sheet acc. to ISO9001: 2000

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

H225 Highly flammable liquid and vapor

H226 Flammable liquid and vapor

H300 Fatal if swallowed

H302 Harmful if swallowed

H310 Fatal in contact with skin

H312 Harmful in contact with skin

H314 Causes severe skin burns and eye damage

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

H330 Fatal if inhaled

H372 May cause lung damage through prolonged or repeated inhalation exposure

H411 Toxic to aquatic life with long lasting effects

Abbreviations:

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

ATEmix: Acute Toxicity Evaluation of Mixtures

bw: Body Weight

GCL: General Concentration Limit

Main Literature References and Data Sources: No data

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