



Magic Bullet Fuel Treatments Ltd
15 Ferguson Drive
Knockmorehill Industrial Estate
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Co. Antrim
BT28 2EX
Telephone: 00 44 28 9266 6123
Fax: 028 9267 1284

SAFETY DATA SHEET MAGIC BULLET

Product Name: Magic Bullet® Top Cat Gasoline Catalytic Cleaner

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identification of the product: Magic Bullet® Top Cat Gasoline Catalytic Cleaner

Chemical family: Fuel Treatment

Product description: Lubricant additive containing severely refined mineral oil.

Supplier:

Emergency telephone number: Mobile: +44(0)28 9266 6123
(Mon-Fri: 0900-1800 UK Time)

HAZARDS IDENTIFICATION

Environmental hazards This preparation does not require classification on the basis of environmental hazard. See section 12 for environmental information.

Physical and chemical hazards / fire and explosion hazards Non-hazard. Material can form flammable mixtures or can burn only on heating to temperatures at or above the flash point.

Toxic gases will form upon combustion. See section 9 "stability and reactivity".

COMPOSITION/INFORMATION ON INGREDIENTS

A mixture of saturated hydrocarbons with some aromatic unsaturated hydrocarbon compounds.

Eco White Oil (non-Toxic) 60%

Seal Oil (non-Toxic) 30%

Amine Detergent 8%

Rapeseed Methyl Ester 2%



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FIRST AID MEASURES

Inhalation

Using approved respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Skin contact

Flush with large amounts of water; use soap if available.

Remove grossly contaminated clothing, including shoes, and launder before reuse.

For hot product: immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention.

For hot product no attempt should be made to remove material from skin or to remove contaminated

Eye contact

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

Ingestion

First aid is normally not required.

FIRE-FIGHTING MEASURES

Fire-fighting procedures

Use water spray to cool surfaces exposed to the fire, and to protect personnel. If possible, shut off the source of fuel to the fire.

Use foam, dry chemical, or water spray to extinguish fire.

Special fire precautions

Respiratory and eye protection required for fire fighting personnel.

Avoid spraying water directly into storage containers due to danger of boil over.

See section 3 "first aid measures" and 9 "stability and reactivity".

Hazardous combustion products

Fumes, smoke, carbon dioxide (CO₂) and carbon monoxide (CO)

ACCIDENTAL RELEASE MEASURES



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Land spill

Contain spilled liquid with sand or earth.

Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. If liquid is too viscous for pumping, scrape up with shovels or pails and place in suitable containers for recycle or disposal.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations

See sections 3 "first aid measures" and 9 "stability and reactivity".

Water spill

Warn other shipping. Notify port or relevant authority and keep public away. Shut off source if possible to do so without hazard. Confine if possible.

Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies sinking and/or suitable dispersants may be used in non-confined waters.

Consult an expert on disposal of any recovered material and ensure conformity to local disposal regulations.

See sections 3 "first aid measures" and 9 "stability and reactivity"

HANDLING AND STORAGE

Storage temperature (deg c)	35.0 maximum
Transport temperature (deg c)	35.0 maximum
Loading/unloading temperature (deg c)	5.0 – 25.0 recommended range
Storage/transport pressure (kpa)	atmospheric
Electrostatic accumulation hazard?	No, but use proper grounding procedure
Usual shipping containers	tank cars, tank trucks, drums
Materials and coatings suitable	Inorganic zinc coatings Amine epoxy coatings Polyamide epoxy coatings Phenolic epoxy coatings Carbon steel



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Material and coatings unsuitable

Stainless steel
Natural rubber
Butyl rubber

Compatibility with plastic materials can vary; we therefore recommend that compatibility is tested prior to use.

Storage/handling, general notes

Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials. Do not handle or store near an open flame, sources of heat, or sources of ignition. Protect material from direct sunlight.

This material is not a static accumulator, but use proper grounding procedures.

Do not pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do not reuse empty containers without commercial cleaning or reconditioning.

Additional warnings

Container remains hazardous when empty. Continue to observe all precautions. For further information on this product see manufacturer's data sheet.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering control measures

For open systems where contact is likely, wear safety glasses with side shields, long sleeves and chemical resistant gloves.

Occupational exposure limits

Personal protection

Where contact may occur, wear safety glasses with side shields.

Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield.

Where concentrations in air may exceed the limits given in this section, and engineering, work practice or other means of exposure reduction are not adequate, approved respirators may be necessary to prevent overexposure by inhalation.

PHYSICAL AND CHEMICAL PROPERTIES



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These are indicative values only. Please refer also to the product specification sheet.

Physical state:	Liquid
Form/colour:	Straw coloured mobile liquid
Odour:	Mild hydrocarbon
Ph (deg c):	Not applicable
Freeze./melt./point:	-18 deg c
Boiling point range:	310 deg c ibp
Flashpoint (pmcc):	> 140 deg c
Vapour pressure (deg c):	Kpa negligible at ambient
Density (15 deg c):	0.860 g/cm ³ typical
Solubility in water (deg c):	Wt% negligible
Is material hygroscopic:	No
Viscosity (100 deg c):	0.8 cst typical
(40 deg c):	5.00 cst typical
Evaporation rate (n-bu acetate=1):	Negligible
Coeff. Of thermal expansion (liq):	0.00077 deg c vol/vol/deg.c

STABILITY AND REACTIVITY

Hazardous polymerisation?	No
Stability:	Stable
Materials and conditions to avoid (incompatibility):	Strong oxidizing agents
Hazardous decomposition products:	None

TOXICOLOGICAL INFORMATION

Acute Inhalation	Negligible hazard at ambient (-18 to 38 deg c) or recommended blending temperature. Repeated and prolonged overexposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation and increased incidence of infection.
Skin contact	Low order of toxicity. Frequent or prolonged contact may cause mild skin discomfort. Exposure to hot material will cause thermal



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Eye contact

burns.

Irritating, but does not injure eye tissue.

Ingestion

Minimal toxicity.

Additional information is available on special request.

ECOLOGICAL INFORMATION

Environmental mobility

This is a preparation and environmental assessment is based on component data and that of similar products.

A mineral oil component of this preparation floats and can migrate from water to land.

Environmental degradability

This preparation is not expected to be "readily" biodegradable.

A component(s) of this preparation is expected to be "inherently" biodegradable according to OECD guidelines.

Ecotoxicity

Low acute toxicity to aquatic organisms is expected.

DISPOSAL CONSIDERATIONS

The following advice only applies to the product as supplied. Combination with other materials may well indicate another route of disposal. If in doubt, contact the local supplier or local authorities.

Empty drums, plastic bottles should be taken for recycling, recovery or disposal through a suitable qualified or licensed contractor.

Care should in any case be taken to ensure compliance with EC, national and local regulations.

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.

This product is ash - less and can be burned directly in appropriate equipment.

This product is suitable for energy recovery in appropriate incinerators.



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TRANSPORT INFORMATION

Land (railway/road, such as RID/ADR)

ADR/RID class, item: none empty containers:
Danger number: substance id number:
Danger label: max. Kg exempt:
Transport document name: tremcard product name:

Inland waterways (such as ADN/R)

ADN/R class, item:
Sea (IMDG)
UN number: None IMO class: None
IMDG code page: EMS number:
Mfag number: marine pollutant: No
Packaging group: risk label:
Subsidiary risk:
Proper shipping name: not regulated

Air (ICAO/IATA)

ICAO/IATA class: none
Passenger max. Quantity/pack: passenger packing instruction:
Cargo max. Quantity/pack:
Tremcard (road):

REGULATORY INFORMATION

Classification and labelling according to EEC directives

Classification/symbol: Not regulated
Governing directive: According to the EEC directives the product does not require classification and labelling.

OTHER INFORMATION

Although material is not a static accumulator, all handling equipment should be electrically grounded.

This product may be transported at temperatures of up to 95 deg c for a period of no longer than three days.



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