

**MATERIAL NAME: Gasoline Additive**

**\*\*\* SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION \*\*\***

**PRODUCT NUMBERS: 38558 (208 liters)**

**CHEMICAL NAME:** Mixture

**PRODUCT USE:** Gasoline Fuel Additive

**COMPANY INFORMATION:**

Bomboleo Sociedade Reparadore Bombas INJ.  
Rua Sebastiao e Silva, n 28 Aparado 4098  
Lisbon, Massama, 2746-801 Portugal

Phone: 21-438-96-00

Email: [bomboleo@bomboleo.com](mailto:bomboleo@bomboleo.com)

**Emergency:**

**MANUFACTURER:**

CLARCOR Engine Mobile Solutions (EMS)  
92 Deerfield Road  
Windsor, CT 06095-4209

Phone: 1-800-842-2496 or 1-860-525-0821

**Emergency #** CHEMTREC 1-800-424-9300;  
CHEMTREC (Outside US & Canada) 1-703-527-3887

**\*\*\* SECTION 2 – HAZARDS IDENTIFICATION \*\*\***

**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:**

Skin Irritation 2 – H315	Causes skin irritation.
Eye Damage/Irritation 2 – H319	Causes serious eye irritation.
Sensitization – Skin – H317	May cause an allergic skin reaction.
Carcinogenicity 2 – H351	Suspected of causing cancer.
STOT-SE 3 – H336	May cause drowsiness or dizziness.
Aspiration Hazard 1 – H304	May be fatal if swallowed and enters airways.

*Note: H-codes and P-codes are provided to assist with translation but are not intended to be included on the label.*

**LABEL ELEMENTS – WORKPLACE:**

Contains petroleum distillates, hydrotreated light; petroleum distillates, sweetened middle; naphtha (petroleum) heavy aromatic; ethoxylated amine



**DANGER**

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing cancer. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Prevention: (P280) Wear protective gloves/ protective clothing/eye protection. (P261) Avoid breathing mist/vapors/spray.

Response: (P301 + P310) If SWALLOWED: Immediately call a poison center or doctor. (P331) Do not induce vomiting. (P333+ P313) If skin irritation or rash occurs: Get medical attention. (P337 + P313) If eye irritation persists: Get medical attention.

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

Disposal: None

**OTHER HAZARDS:**

None identified.

## SAFETY DATA SHEET

**MATERIAL NAME: Gasoline Additive**

**LABEL ELEMENTS – GENERAL PUBLIC**

Contains petroleum distillates, hydrotreated light; petroleum distillates, sweetened middle; naphtha (petroleum) heavy aromatic; ethoxylated amine



**DANGER**

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing cancer. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Prevention: (P280) Wear protective gloves/ protective clothing/eye protection. (P271) Use only outdoors or in a well-ventilated area.

Response: (P301+P310) If SWALLOWED: Immediately call a poison center or doctor. (P331) Do not induce vomiting.

Storage: (P405) Store locked up.

Disposal: (P501) Dispose of contents/container in accordance with local/regional/national regulations.

**OTHER HAZARDS:**

None identified.

**\*\*\* SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS \*\*\***

CAS #	CHEMICAL NAME	PERCENT (w/w)	INGREDIENT CLASSIFICATION*
64742-47-8	Distillates, petroleum, hydrotreated light	60-80	Skin Irrit. 2 – H315; STOT-SE 3 – H336 (CNS)
64741-86-2	Distillates, petroleum, sweetened middle	7-13	Flam. 3 – H226; Acute Tox. 4 – H332; Skin Irrit. 2 – H315; Asp. Tox. 1 – H304, Aquatic Chron. 2-H411
64742-94-5	Naphtha (petroleum), heavy aromatic	5-7	Asp. Tox. 1 – H304; Skin Irrit. 2 – H315; Carc. Cat. 2 – H351; Aquatic Chron. 2 – H411
128-39-2	2,6-di-tert butylphenol	1-2	Skin Irrit. 2 – H315; Aquatic Acute 1 – H400; Aquatic Chron. 1 – H410
104-76-7	2-Ethylhexanol	1-2	Acute Tox. 4 – H332; Skin Irrit. 2 – H315; Eye Irrit. 2 – H319; STOT-SE 3 – H335 (respiratory tract)
Proprietary	Ethoxylated amine	1-2	Acute Tox. 4 – H302; Eye Dam. 1 – H318; Met. Corr. – H290; Skin Corr. 1C – H314; Skin Sens. 1 – H317; Aquatic Acute 1 – H400
91-20-3	Naphthalene	0.1-0.6	Component of Naphtha (petroleum), heavy aromatic**

\*See Section 16 for full text of hazard statements.

\*\*Disclosed for potential right to know and regulatory compliance; not an intentionally added ingredient; health effects included in parent ingredient classification.

**COMPONENT RELATED REGULATORY INFORMATION**

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

**\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\***

**DESCRIPTION OF FIRST AID MEASURES:**

**Eyes**

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Quickly and gently blot away excess chemical. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the chemical is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Seek immediate medical attention.

**Skin**

Remove contaminated clothing. Quickly and gently blot away excess chemical. Wash gently and thoroughly with warm water and non-abrasive soap for 15 minutes or until the chemical is removed. Get medical attention if skin disorder develops.

**Ingestion**

Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Have victim rinse mouth thoroughly with water. **DO NOT INDUCE VOMITING.** Have victim drink 8 to 10 oz of water to dilute material in stomach. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Repeat administration of water. Seek immediate medical attention or advice.

**Inhalation**

If affected, remove source of contamination or move individual to fresh air. If the affected person is not breathing, trained personnel should begin artificial respiration immediately. Seek medical attention if symptoms persist. If overcome by vapor from hot product, immediately remove to fresh air and call a physician.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:****Potential Health Effects: Eyes**

This product is irritating to the eyes. Effects may include a burning sensation, redness, swelling and/or blurred vision.

**Potential Health Effects: Skin**

This product is irritating to the skin. Prolonged or repeated contact with this product may dry and/or defat the skin. Symptoms may include redness, edema, drying or cracking of skin. See Section 11 for additional information.

**Potential Health Effects: Ingestion**

This product may be harmful if swallowed. May cause irritation of the mouth. Ingestion of this product may cause headache, dizziness, uncoordination, and general weakness. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury, possibly death. See Section 11 for additional information.

**Potential Health Effects: Inhalation**

Harmful if inhaled. Inhalation of oil mists or fumes can cause irritation of the mucous membranes and upper respiratory tract. Excessive inhalation of this material causes headache, dizziness, nausea, stupor, and other central nervous system effects leading to visual impairment, difficulty breathing, memory loss, convulsions and uncoordination. Breathing of vapor or mist may aggravate asthma and inflammatory or fibrotic pulmonary disease. See Section 11 for additional information.

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**

Pulmonary aspiration hazard if swallowed; treat symptomatically.

**\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*****GENERAL FIRE HAZARDS**

Fire and explosion hazards are moderate when this product is exposed to heat or flame. Liquid can burn upon heating to temperatures at or above the flash point. Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

**EXTINGUISHING MEDIA**

Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel. Direct water spray or foam may cause frothing and spattering. If a leak or spill has not ignited, use water spray to disperse vapors and to flush spills away from exposure.

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

Irritating and toxic gases or fumes may be released during a fire. Upon combustion, this product may yield oxides of nitrogen, carbon monoxide, carbon dioxide, and/or other low molecular weight hydrocarbons.

**ADVICE FOR FIREFIGHTERS**

Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

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**\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\***

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Surfaces may become slippery after spillage. Wear appropriate protective equipment and clothing during cleanup. Do not allow the spilled product to enter public drainage systems or open watercourses. If product is spilled, notify appropriate authorities at the local, state, federal, and provincial levels. Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed.

Stop the flow of material, if this can be done without risk.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP PROCEDURES**

Absorb with non-flammable suitable absorbent such as sand or earth. Scoop up used absorbent into drums or other appropriate container.

**\*\*\* SECTION 7 - HANDLING AND STORAGE \*\*\***

**PRECAUTIONS FOR SAFE HANDLING**

Avoid prolonged or repeated skin contact with this material. Avoid getting this material into contact with your eyes. Avoid the generation of mists. Wash thoroughly after handling. Use this product with adequate ventilation. Discard any shoes or clothing items that cannot be decontaminated. Contaminated clothing should not be allowed to leave the workplace.

**CONDITIONS FOR SAFE STORAGE (including any incompatibilities)**

Do not store near heat, sparks, open flame or strong oxidizing agents. Do not store this material in open or unlabeled containers. Store drums in a covered area with secondary containment. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode. Follow appropriate grounding procedures.

**\*\*\* SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION \*\*\***

**EXPOSURE GUIDELINES**

**A: General Product Information**

Follow all applicable exposure limits. Check local workplace exposure limits. Under conditions which may generate mists, the component supplier recommends the US OSHA PEL of 5 mg/m<sup>3</sup> and the ACGIH STEL of 10 mg/m<sup>3</sup> for oil mists.

**B: Component Exposure Limits**

Compound	ACGIH		NIOSH		Portugal	
	TWA	STEL	TWA	STEL	TWA	STEL
Naphthalene	10 ppm	15 ppm	10 ppm	15 ppm	Not determined	Not determined

(S) – skin exposure

(C) – ceiling exposure

N/E – none established

**ENGINEERING CONTROLS**

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

**PERSONAL PROTECTIVE EQUIPMENT**

**Eyes/Face**

Wear safety glasses. Wear chemical goggles or faceshield if mist is likely to occur.

**Skin**

Use impervious gloves. Wear oil-impervious garments if contact is unavoidable.

**Respiratory**

In the event of excessive exposure to vapors/mists/fumes, use approved respiratory equipment. Respirator should be selected on the basis of form and concentration of contaminant.

**General**

Use good hygiene when handling petroleum product. Launder contaminated clothing before reuse. Excessive misting may cause slippery floors - wear appropriate footwear. Eye wash fountains are recommended.

**\*\*\* SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES \*\*\***

**Appearance:** Amber colored

**Odor:** Oil / solvent

**MATERIAL NAME: Gasoline Additive**

<b>Physical State:</b> Liquid	<b>Odor threshold:</b> Not applicable
<b>pH:</b> Not applicable	<b>Melting/freezing point:</b> Not determined
<b>Initial boiling point &amp; range:</b> Not determined	<b>Flash point:</b> 158°F/70.0°C
<b>Upper/lower flammability or explosive limits:</b> Not determined	<b>Flammability (solid, gas):</b> Not applicable
<b>Auto-ignition temperature:</b> Not determined	<b>Decomposition temperature:</b> Not determined
<b>Vapor density:</b> Not determined	<b>Vapor pressure:</b> Not determined
<b>Solubilities:</b> Negligible	<b>Partition Coefficient:</b> Not determined
<b>Evaporation rate:</b> Not determined	<b>Viscosity:</b> Not determined
<b>Relative density:</b> Not determined	<b>Density:</b> Not determined

**\*\*\* SECTION 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION \*\*\***

**REACTIVITY**

Not reactive

**CHEMICAL STABILITY**

Stable

**POSSIBILITY OF HAZARDOUS REACTIONS**

Hazardous polymerization will not occur.

**CONDITIONS TO AVOID:**

Heat, ignition sources and sparks.

**INCOMPATIBILITY**

This product may react with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION**

Decomposition of this product may yield oxides of nitrogen, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\***

**DESCRIPTION OF THE VARIOUS TOXICOLOGICAL EFFECTS**

**Likely Routes of Exposure**

Inhalation

**Symptoms Related to the Physical, Chemical and Toxicological Characteristics (including immediate and delayed effects and chronic effects for short- and long-term exposure)**

**Potential Health Effects: Eyes**

This product is irritating to the eyes. Effects may include a burning sensation, redness, swelling and/or blurred vision.

**Potential Health Effects: Skin**

This product is irritating to the skin. Prolonged or repeated contact with this product may dry and/or defat the skin. Symptoms may include redness, edema, drying or cracking of skin. Product contains component(s) that can be harmful if absorbed through the skin. Product contains component(s) that may cause an allergic skin reaction in susceptible individuals.

**Potential Health Effects: Ingestion**

This product may be harmful if swallowed. May cause irritation of the mouth, gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain. Ingestion of this product may cause headache, dizziness, uncoordination, and general weakness. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury, possibly death. Ingestion of this product may cause red blood cell hemolysis and possible liver and kidney injury.

**Potential Health Effects: Inhalation**

Harmful if inhaled. Inhalation of oil mists or fumes can cause irritation of the mucous membranes and upper respiratory tract. Excessive inhalation of this material causes headache, dizziness, nausea, stupor, and other central nervous system effects leading to visual impairment, difficulty breathing, memory loss, convulsions and uncoordination. Overexposure to organic nitrates by inhalation may cause headache, nausea and decreased blood pressure. Repeated and prolonged overexposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation and increased incidence of infection. Breathing of vapor or mist may aggravate asthma and inflammatory or fibrotic pulmonary disease. Repeated overexposure to naphthalene may cause destruction of red blood cells with anemia, fever, jaundice and kidney and liver damage.

## SAFETY DATA SHEET

**MATERIAL NAME: Gasoline Additive**

### Data and/or Acute Toxicity Estimates

No data available on product as a whole.

CAS #	Component	Oral	Dermal	Inhalation	Other
64742-47-8	Distillates, petroleum, hydrotreated light	LD50 (rat) > 5000 mg/kg	LD50 (rabbit) = 2000 – 4000 mg/kg	LC50 (rat) >4.3 mg/l	NTP - No OSHA - No IARC - No
64741-86-2	Distillates, petroleum, sweetened middle	LD50 (rat) > 5000 mg/kg	LD50 (rabbit) >2000 mg/kg	LC50 (rat) =4.6 mg/l (4 hr)	NTP - No OSHA - No IARC - No
64742-94-5	Naphtha (petroleum), heavy aromatic	LD50 (rat) > 5000 mg/kg	LD50 (rabbit) >3160 mg/kg	LC50 (rat) >0.17 mg/l (4 hr; no deaths)	NTP - No OSHA - No IARC - No
128-39-2	2,6-di-tert-butylphenol	LD50 (rat) > 5000 mg/kg	Not classified; data unavailable	Not classified; data unavailable	NTP - No OSHA - No IARC - No
104-76-7	2-Ethylhexanol	LD50 (rat) =3290 mg/kg	LD50 (rabbit) >3000 mg/kg	LC50 (rat) >0.89 mg/l (4 hr)	NTP - No OSHA - No IARC - No
Proprietary	Ethoxylated amine	ATE = 500	Not classified; data unavailable	Not classified; data unavailable	NTP - No OSHA - No IARC - No
91-20-3	Naphthalene	LD50 (rat) =4902 mg/kg	LD50 (rabbit) >2 g/kg	Not classified; data available	NTP - Yes OSHA - No IARC - 2B

One or more components have produced damage after prolonged exposure in laboratory animals to one or more of the following: kidneys, liver, spleen, blood and/or circulatory system. Naphthalene has been shown to cause cancer in laboratory animals and is classified Group 2B by IARC.

Category	Classification Based on Available Data
Acute toxicity:	Conclusive but not sufficient for classification
Skin/eye irritation:	Skin irritation 2 (component additivity); Eye irritation 2 (component additivity and bridging)
Corrosivity:	Conclusive but not sufficient for classification
Respiratory or skin sensitisation:	Respiratory: Conclusive but not sufficient for classification Skin: Sensitizer 1
Germ cell mutagenicity:	Data lacking
Carcinogenicity:	Carcinogenicity 2 (concentration of naphthalene)
Reproductive toxicity:	Data lacking
STOT-SE:	STOT-SE 3 (respiratory irritation with CNS effects)
STOT-RE:	Data lacking
Aspiration hazard:	Asp. 1

### \*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*

No ecotoxicity or environmental fate data available on product as a whole.

Category	Classification Based on Available Data
Toxicity:	Not determined; contains chemicals that may be harmful to aquatic organisms with long-term effects
Persistence and degradability:	Not determined
Bioaccumulative potential:	Not determined

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Mobility in soil:	Not determined
Other adverse effects:	None

**\*\*\* SECTION 13 - DISPOSAL CONSIDERATIONS \*\*\***

**DISPOSAL INSTRUCTIONS**

Dispose of waste material according to local, state, federal, and provincial environmental regulations. Do not allow this material to drain into sewers/water supplies. Material should be recycled if possible.

**\*\*\* SECTION 14 - TRANSPORTATION INFORMATION \*\*\***

**GENERAL TRANSPORTATION INFORMATION**

NOTE: Information in this section (Section 14) is presented as a guide only. Requirements may vary depending upon package size and exceptions used, if any. Follow current, applicable requirements under ADR, IMO/IMDG, ICAO/IATA to ensure regulatory compliance.

**ADR**

UN 3082 Environmentally Hazardous Substance, Liquid, N.O.S. (petroleum naphthas), 9, PG III  
ADR Classification Code – M6.

**INTERNATIONAL TRANSPORTATION REGULATIONS**

**ICAO/IATA**

UN 3082 Environmentally Hazardous Substance, Liquid, N.O.S. (petroleum naphthas), 9, PG III

**IMO/IMDG**

UN 3082 Environmentally Hazardous Substance, Liquid, N.O.S. (petroleum naphthas), 9, PG III (70.0°C c.c.) Marine Pollutant (petroleum naphthas)  
EmS: F-A, S-F

**\*\*\* SECTION 15 – REGULATORY INFORMATION \*\*\***

**General Product Information**

Components listed in Section 3 of the SDS are present on the EINECS Inventory.

This product is classified in compliance with Regulation (EC) 1272/2008 as amended. The SDS complies with Regulation (EC) 1907/2006 as amended.

Chemical Safety Assessment: Not applicable.

**\*\*\* Section 16 - Other Information \*\*\***

**OTHER INFORMATION**

**HAZARD STATEMENTS FROM SECTION 3**

- H226 – Flammable liquid and vapor.
- H290 – May be corrosive to metals.
- H302 – Harmful if swallowed.
- H304 – May be fatal if swallowed and enters airways.
- H314 – Causes severe skin burns and eye damage.
- H315 – Causes skin irritation.
- H317 – May cause an allergic skin reaction.
- H318 – Cause serious eye damage.
- H319 – Causes serious eye irritation.
- H335 – May cause respiratory irritation.
- H336 – May cause drowsiness or dizziness.
- H351 – Suspected of causing cancer.
- H400 – Very toxic to aquatic life.
- H410 – Very toxic to aquatic life with long lasting effects.
- H411 – Toxic to aquatic life with long lasting effects.

**SAFETY DATA SHEET****MATERIAL NAME: Gasoline Additive**

The information and recommendations presented in this Safety Data Sheet are based on sources believed to be reliable on the date hereof. CLARCOR EMS makes no representation on its completeness or accuracy. This product is sold "as is" and it is the user's responsibility to determine the product's suitability for its intended use, the product's safe use, and the product's proper disposal. The statements and descriptions provided are informational only and no representations or warranties, either expressed or implied, of merchantability or fitness for a particular purpose or of any other nature are made with respect to the information provided in this Safety Data Sheet or to the product to which such information refers. CLARCOR EMS neither assumes nor authorizes any other person to assume for it, any other or additional liability or responsibility resulting from the use of, or reliance upon, this information. CLARCOR EMS assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.

**Key/Legend**

N = No; Y = Yes; ppm = parts per million; mg/m<sup>3</sup> = milligrams per cubic meter of air; ACGIH = American Conference of Governmental Industrial Hygienists; OSHA = Occupational Safety and Health Administration; TLV = Threshold Limit Value; NIOSH = National Institute of Occupational Safety and Health; IDLH = Immediately Dangerous to Life or Health Concentrations; NTP = National Toxicology Program; IARC = International Agency for Research on Cancer; TSCA = Toxic Substance Control Act; DSL = Dangerous Substances List; EINECS = European Inventory of New and Existing Chemical Substances; STOT-SE = Specific Target Organ Toxicity – Single Exposure; STOT-RE = Specific Target Organ Toxicity – Repeated Exposure.

**Contact:** For further information call 1-800-842-2496 or 1-860-525-0821

This is the end of the SDS