

Magic Blue: Concentrated Magnetic Cleaner

Section 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- Trade name: Magic **Blue** Concentrated Magnetic Cleaner (**80-0985-GL**)
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.
- **Application of the substance / the mixture:** Alkaline cleaner/ detergent
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Romanoff International Supply Corporation
9 Deforest St
Amityville, NY 11701
Phone: 1-800-221-7448
Web: Romanoff.com
- **1.4 Emergency telephone number: CHEMTEL, ACCOUNT #MIS4594445**
USA, CANADA 1-800-255-3924 AUSTRALIA: 1-300-954-583 BRAZIL: 0-800-591-6042
· CHINA: 400-120-0751 INDIA: 000-800-100-4086 MEXICO: 01-800-099-0731
· ALL OTHER COUNTRIES: 1-813-248-0585

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008:**
The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H411.



Environment

Aquatic Chronic 2; H411: Toxic to aquatic life with long lasting effects.



Skin Irrit. 2; H315: Causes skin irritation.

Skin Sens. 1; H317: May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Xi; Irritant

R3&-41 : Irritating to skin. Risk of serious damage to eyes.

Xi; Sensitizing

R43: May cause sensitization by skin contact.

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N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

• **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

• **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

• **2.2 Label elements**

• **Labeling according to Regulation (EC) No 1272/2008**

The product is classified and labeled according to the CLP regulation.

• **Hazard pictograms**



GHS07 GHS09

• **Signal word:** Warning,

• **Hazard-determining components of labeling:**

2-aminoethanol

Fatty acids, tall-oil, compounds with coconut oil diethanolamine esters

• **Hazard statements:**

The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H411.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H317: May cause an allergic skin reaction.

H411 : Toxic to aquatic life with long lasting effects.

• **Precautionary statements:**

P280: Wear protective gloves/ eye protection.

P264: Wash thoroughly after handling.

P305+P351 +P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P302+P352: IF ON SKIN: Wash with plenty of water.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Hazard description:**

• **WHMIS-symbols:**

D2B - Toxic material causing other toxic effects

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• NFPA ratings (scale 0 - 4)



Health= 1
Fire= 0
Reactivity = 0

• HMIS-ratings (scale 0 - 4)



Health= 1
Fire= 0
Reactivity = 0

• HMIS Long Term Health Hazard Substances

None of the ingredients is listed.

• 2.3 Other hazards

• Results of PBT and vPvB assessment

• PBT: Not applicable.

• vPvB: Not applicable.

SECTION 3: Composition/information on Ingredients

• 3.2 Mixture

• Description: Mixture of substances listed below with nonhazardous additions.

• Dangerous components:

CAS: 141-43-5 EINECS: 205-483-3 Index number: 603-030-00-8	2-aminoethanol <input checked="" type="checkbox"/> C R35; <input checked="" type="checkbox"/> Xn R20/21/22 <input checked="" type="checkbox"/> Skin Corr. 1B, H314 <input checked="" type="checkbox"/> Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332 Aquatic Chronic 3, H412	2.5-10%
CAS: 68648-09-9	Fatty acids, tall-oil, compds. with coconut oil diethanolamine esters <input checked="" type="checkbox"/> C R35; <input checked="" type="checkbox"/> Xn B22; <input checked="" type="checkbox"/> Xi 41; <input checked="" type="checkbox"/> Xi R4 3 <input checked="" type="checkbox"/> Skin Corr. 1C, H314; Eye Dam. 1, H318 <input checked="" type="checkbox"/> Aquatic Acute 1, H400; Aquatic Chronic 1, H410 <input checked="" type="checkbox"/> Acute Tox. 4, H302; Skin Sens. 1, H317	2.5-10%
CAS: 68584-22-5	Benzenesulfonic acid, C10-16-alkylderivs. <input checked="" type="checkbox"/> Xi R36 <input checked="" type="checkbox"/> Eye Irrit. 2, H319	2.5-10%

Additional Information: For the wording of the listed risk phrases refer to section 16.

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SECTION 4: First aid measures

•4.1 Description of first aid measures

•General information:

Immediately remove any clothing soiled by the product.
Take affected persons out into the fresh air.

•After inhalation:

Supply fresh air; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.

•After skin contact:

Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
Seek immediate medical help for blistering or open wounds.

•After eye contact:

Remove contact lenses if worn, if possible.
Rinse opened eye for several minutes under running water. Then consult a doctor.

•After swallowing:

Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

•4.2 Most important symptoms and effects, both acute and delayed:

Breathing difficulty
Coughing
Dizziness
Gastric or intestinal disorders.
Irritant to skin and mucous membranes.
Eye damage.

•Hazards:

Danger of severe eye injury.
Danger of disturbed cardiac rhythm.

•4.3 Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

SECTION 5: Firefighting measures

•5.1 Extinguishing media

•Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

•For safety reasons unsuitable extinguishing agents: None.

•5.2 Special hazards arising from the substance or mixture:

Formation of toxic gases is possible during heating or in case of fire.

•5.3 Advice for firefighters

•Protective equipment:

Wear self-contained respiratory protective device.
Wear fully protective suit.

•Additional information: No further relevant information available.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

- **6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

- **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Pick up mechanically.

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

- **6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling:**

Use only in well ventilated areas.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

- **Information about fire - and explosion protection:** No special measures required.

- **7.2 Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Do not allow product to freeze.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidizing agents.

Do not store together with acids.

- **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

- **7.3 Specific end use(s):** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

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• **8.1 Control parameters**

• **Ingredients with limit values that require monitoring at the workplace:**

141-43-5 2-aminoethanol

IOELV (EU)	Short-term value; 7,6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm Skin
PEL (USA)	Long-term value: 6 mg/m ³ , 3 ppm
REL (USA)	Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 8 mg/m ³ , 3 ppm
TLV (USA)	Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 7.5 mg/m ³ , 3 ppm
EL (Canada)	Short-term value: 6 ppm Long-term value: 3 ppm
EV (Canada)	Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 7.5 mg/m ³ , 3 ppm

- **DNELs:** No further relevant information available.

• **PNECs:** No further relevant information available.

• **Additional information:** The lists valid during the making were used as basis.

• **8.2 Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

• **Respiratory protection:**

Not required under normal conditions of use.

Use suitable respiratory protective device when aerosol or mist is formed.

Use suitable respiratory protective device when high concentrations are present.

For spills, respiratory protection may be advisable.

• **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

• **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

•Eye protection:

Contact lenses should not be worn.

- Safety glasses

•Body protection: Protective work clothing**•Limitation and supervision of exposure into the environment:**

No further relevant information available.

•Risk management measures:

No further relevant information available.

SECTION 9: Physical and chemical properties**•9.1 Information on basic physical and chemical properties****•General Information****•Appearance:**

Form: Liquid

Colour: Clear

•Odour: Mild

•Odour threshold: Not determined.

•pH-value: Not determined.

•Change in condition

Melting point/Melting range: Not Determined.

Boiling point/Boiling range: >212 ° F / >100 °C

•Flashpoint: Not applicable.

•Flammability (solid, gaseous): Not applicable.

•Auto/Self-ignition temperature: 410 ° F / 210 °C

•Decomposition temperature: Not determined.

•Self-igniting: Product is not self-igniting.

•Danger of explosion: Product does not present an explosion hazard.

•Explosion limits:

Lower: Not determined.

Upper: Not determined.

•Vapor pressure at 20 °C: 23hPa

•Density at 20 °C: 1,03 g/cm³

•Relative density: Not determined.

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- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
 - **Thermal decomposition/ conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions:**
Toxic fumes may be released if heated above the decomposition point.
Reacts with strong oxidizing agents.
Exothermic reaction with acids.
- **10.4 Conditions to avoid:** Store away from oxidizing agents.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Nitrogen oxides (NO_x)

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

141-43-5 2-aminoethanol

Oral LD50 2050 mg/kg (rat)

Dermal LD50 1000 mg/kg {rabbit}

- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

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Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

- **Repeated dose toxicity:** Repeated exposures may result in skin and/or respiratory sensitivity.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Toxic for aquatic organisms
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Toxic for fish

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Danger to drinking water if even small quantities leak into the ground.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralized.

Toxic for aquatic organisms

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Other adverse effects:** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- **14.1 UN-Number**

- **DOT, ADR, IMDG, IATA**

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- 14.2 UN proper shipping name
- DOT: Not Regulated

• ADR: Not Regulated

• IMDG: Not Regulated

• IATA: Not Regulated

- 14.3 Transport hazard class(es)

• DOT

- Class
- Label
- ADR

• Class

• Label

• IMDG, IATA

- Class
- Label

- 14.4 Packing group
- DOT, ADR, IMDG, IATA

- 14.5 Environmental hazards:
- Marine pollutant:

- Special marking (ADR):
- Special marking (IATA):

- 14.6 Special precautions for user

• Danger code (Kemler):

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- EMS Number:
- 14.7 Transport in bulk according to Annex II of MARPOL73n8 and the IBC Code **Not regulated.**
- Transport/Additional information:
- ADR
- Limited quantities (LQ)
- Excepted quantities (EQ)

- Transport category
- Tunnel restriction code
- IMDG
- Excepted quantities (EQ)

- UN "Model Regulation":

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

• Section 355 (extremely hazardous substances):
None of the ingredients is listed.

• Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.

• TSCA (Toxic Substances Control Act):
All ingredients are listed.

• Proposition 65 (California):

• Chemicals known to cause cancer:
None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.

• Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

• Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

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• **Carcinogenic Categories**

• **EPA {Environmental Protection Agency}**

None of the ingredients is listed.

• **IARC {International Agency for Research on Cancer}**

None of the ingredients is listed.

• **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

• **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

• **Canada**

• **Canadian Domestic Substances List (DSL) .**

Not all ingredients listed.

• **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

• **Canadian Ingredient Disclosure list (limit 1%)**

141-43-5 j 2-am inoethanol

• **Other regulations, limitations and prohibitive regulations**

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

• **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

• **15.2 Chemical safety assessment: A** Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Relevant phrases**

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H412: Harmful to aquatic life with long lasting effects.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R22: Harmful if **swallowed**.

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R36: Irritating to eyes.

R43: May cause sensitization by skin contact.

• Abbreviations and acronyms:

ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment-Acute Hazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3