

Safety Data Sheet

LAM008 MAKOLOR EXTRA Blu universale - Blue universal stain

Safety Data Sheet dated 1/25/2019, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name:

MAKOLOR EXTRA Blu universale - Blue universal stain

Other means of identification:

Trade code:

LAM008

Recommended use of the chemical and restrictions on use

Recommended use:

Industrial and professional uses (SU3 - SU22)

Dye

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company:

NUOVA S.I.V.A.M. SpA - Via Monviso, 10 - 20010 BAREGGIO (MI) - Tel. +39 02 90304.1

Importer:

Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.

7900 Henri-Bourassa Blvd. W.

Montreal, Quebec, Canada, H4S 1V4

Tel: +1-860-529-7704

Distributor:

Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.

7900 Henri-Bourassa Blvd. W.

Montreal, Quebec, Canada, H4S 1V4

Tel: +1-860-529-7704

Competent person responsible for the safety data sheet:

msds@sivam.it

Emergency phone number

NUOVA S.I.V.A.M. SpA - Tel. +39 02 90304.1 (Monday - Friday 8.00 - 15.00)

Poison Centre - Ospedale di Niguarda - Milan - Tel. +39 02 66101029 (24 h)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Warning, Flam. Liq. 4, Combustible liquid.

Label elements

Hazard pictograms:

None

Warning

Hazard statements:

H227 Combustible liquid.

Precautionary statements:

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P370+P378 In case of fire, use alcohol resistant foam, dry chemical, CO₂, water spray. Do not use water jet.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

Additional classification information

NFPA rating:

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HMIS rating:

HEALTH	/ 0
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

None.

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed

Treatment:

None

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire, use alcohol resistant foam, dry chemical, CO₂, water spray. Do not use water jet.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties:

N.D. in volume

Oxidizing properties:

N.D.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment, and emergency procedures
 - Wear personal protection equipment.
 - Remove persons to safety.
 - See protective measures under point 7 and 8.
- Methods and materials for containment and cleaning up
 - Wash with plenty of water.

7. HANDLING AND STORAGE

- Precautions for safe handling
 - Avoid contact with skin and eyes, inhalation of vapours and mists.
 - Do not use on extensive surface areas in premises where there are occupants.
 - Don't use empty container before they have been cleaned.
 - Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
 - Contaminated clothing should be changed before entering eating areas.
 - Do not eat or drink while working.
 - See also section 8 for recommended protective equipment.
- Conditions for safe storage, including any incompatibilities
 - Always keep in a well ventilated place.
 - Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
 - Keep away from food, drink and feed.
 - Incompatible materials:
 - None in particular.
 - Instructions as regards storage premises:
 - Cool and adequately ventilated.
 - Storage temperature:
 - Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Control parameters
 - No occupational exposure limit available
- DNEL Exposure Limit Values
 - N.A.
- PNEC Exposure Limit Values
 - N.A.
- Appropriate engineering controls:
 - None
- Individual protection measures
 - Eye protection:
 - Eye glasses with side protection. (EN166)
 - Protection for skin:
 - Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
 - Protection for hands:
 - Suitable gloves type:(EN374)
 - Respiratory protection:
 - Not needed for normal use.
 - Thermal Hazards:
 - None

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---|-------------------|
| Appearance and colour: | coloured fluid |
| Odour: | typical |
| Odour threshold: | N.D. |
| pH: | 8 |
| Melting point / freezing point: | N.D. °C |
| Initial boiling point and boiling range: | > 100 °C |
| Solid/gas flammability: | N.A. |
| Upper/lower flammability or explosive limits: | 11.6% - 1.2% Vol. |
| Vapour density: | > 1 |
| Flash point: | > 60 °C |
| Evaporation rate: | N.D. |
| Vapour pressure: | N.D. (20 °C) |
| Relative density: | 1.000 - 1.020 |
| Solubility in water: | soluble |
| Solubility in oil: | partial |
| Partition coefficient (n-octanol/water): | N.D. |

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Auto-ignition temperature:	> 190 °C
Decomposition temperature:	N.D. °C
Viscosity:	N.D.
Miscibility:	N.D.
Fat Solubility:	N.D.
Conductivity:	N.D.
Substance Groups relevant properties	N.A.

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), nitrides, and powerful reducing agents. It may catch fire on contact with oxidising mineral acids, elementary metals (alkalis and alkaline earth), nitrides, organic peroxides and hydroperoxides, oxidising agents, and reducing agents.
Conditions to avoid	Stable under normal conditions.
Incompatible materials	None in particular.
Hazardous decomposition products	None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects	
Toxicological information of the product:	MAKOLOR EXTRA Blu universale - Blue universal stain
a) acute toxicity	Not classified No data available for the product
b) skin corrosion/irritation	Not classified No data available for the product
c) serious eye damage/irritation	Not classified No data available for the product
d) respiratory or skin sensitisation	Not classified No data available for the product
e) germ cell mutagenicity	Not classified No data available for the product
f) carcinogenicity	Not classified No data available for the product
g) reproductive toxicity	Not classified No data available for the product
h) STOT-single exposure	Not classified No data available for the product
i) STOT-repeated exposure	Not classified No data available for the product
j) aspiration hazard	Not classified No data available for the product
Toxicological information of the main substances found in the product:	N.A.
Substance(s) listed on the NTP report on Carcinogens:	None.
Substance(s) listed on the IARC Monographs:	None.
Substance(s) listed as OSHA Carcinogen(s):	None.
Substance(s) listed as NIOSH Carcinogen(s):	

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None.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

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Not classified for environmental hazards

No data available for the product

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

None

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number

Not classified as dangerous in the meaning of transport regulations.

UN proper shipping name

N.A.

Transport hazard class(es)

N.A.

Packing group

N.A.

Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

N.A.

Special precautions

N.A.

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory.

TSCA listed substances:

None.

SARA - Superfund Amendments and Reauthorization Act

Section 302 – Extremely Hazardous Substances: no substances listed.

Section 304 – Hazardous substances: no substances listed.

Section 313 – Toxic chemical list: no substances listed.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

No substances listed.

CAA - Clean Air Act

CAA listed substances:

None.

CWA - Clean Water Act

CWA listed substances:

None.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

None.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

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No substances listed.
New Jersey Right to know
Substance(s) listed under New Jersey Right to know:
No substances listed.
Pennsylvania Right to know
Substance(s) listed under Pennsylvania Right to know:
No substances listed.

Volatile Organic compounds - VOCs = 85.11 %
Volatile Organic compounds - VOCs = 868.17 g/l
Volatile CMR substances = 0.00 %
Organic Carbon - C = 0.46

16. OTHER INFORMATION

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Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average